



# NORTHWESTERN UNIVERSITY

One Hundred and Seventh Annual

## COMMENCEMENT

SATURDAY, JUNE 12, 1965

McGaw Memorial Hall, Evanston, Illinois

## THE PLEDGE

Traditionally Taken by Northwestern Graduates  
on Receiving Their Degrees

*With a solemn sense of my responsibility  
I pledge myself*

TO HOLD MY DEGREE AS A SACRED TRUST,  
WITH UNTARNISHED HONOR TO MYSELF,  
IN GENEROUS LOYALTY TO ALMA MATER,  
AND WITH FIDELITY TO MY COUNTRY,  
MY FELLOW MEN, AND MY GOD.

# THE PROGRAM

## PROCESSIONAL

*(Audience will please remain seated for the Student and Faculty Processional.)*

## THE NATIONAL ANTHEM

*(The first stanza)*

*(Audience will please remain standing until the Invocation has been pronounced.)*

## INVOCATION

BISHOP THOMAS M. PRYOR  
*University Trustee*

## ADDRESS

FRANCIS KEPPEL  
*United States Commissioner of Education*

## AWARDING OF DIPLOMAS AND CONFERRING OF DEGREES

JAMES ROSCOE MILLER  
*President of the University*

## ADMINISTERING THE OATH OF OFFICE TO CANDIDATES FOR COMMISSIONS

CAPTAIN ROBERT E. HUSE, UNITED STATES NAVY  
*Professor of Naval Science*

## CHARGE TO THE GRADUATING CLASS

*The President of the University*

## CONFERRING OF HONORARY DEGREES

## DELIVERY OF DIPLOMAS

*The Deans of the Schools*

## THE UNIVERSITY HYMN

*(Words to the University Hymn are printed inside the back cover.)*

## BENEDICTION

THE REVEREND JAMES C. MCLEOD  
*Dean of Students*

## RECESSIONAL

FACULTY RECESSIONAL *(Graduates and guests will please remain seated.)*

STUDENT RECESSIONAL *(Guests will please remain seated.)*

Parents and guests are respectfully requested to remain in their seats during the entire ceremony, **including the period when diplomas are delivered.** The aisles of the Hall must be kept clear at all times, and those who leave their seats before the close of the ceremony must leave the building immediately through the front lobby.

# THE HONORARY DEGREES

*In the Exercises, citations will be read by Payson S. Wild,  
Vice-President and Dean of Faculties of Northwestern University.*

## JEROME SEYMOUR BRUNER — DOCTOR OF SCIENCE

A graduate of Duke University (A.B., 1937), he went for graduate study to Harvard (A.M., 1939; Ph.D., 1941), where he has spent most of his professional life: research, 1945- ; Professor of Psychology, 1952- ; Director of Center for Cognitive Studies, 1961- ; Syndic of the Harvard Press, 1962-63. He has been a lecturer to the Salzburg Seminar, 1952; a consultant on psychological problems to the Departments of State, Navy, and Defense; a member of the Research Advisory Panel of the General Electric Corporation, 1959- ; Chairman, the Curriculum Study Group of the National Academy of Sciences, 1959-61; a member of the White House Panel on Educational Research and Development; and a Guggenheim Fellow, Cambridge University, 1955. From the American Psychological Association of which he is a Fellow he received the Distinguished Science Contribution Award in 1962. Editor: *Public Opinion Quarterly*, 1943-44. Author: *Mandate from the People*, 1941; *The Process of Education*, 1960; *On Knowing: Essays for the Left Hand*, 1962.

*Presented by William A. Hunt, Professor of Psychology,  
Chairman of the Department, College of Arts and Sciences*

## ORLANDO WINFIELD WILSON — DOCTOR OF LAWS

Criminologist and educator. While a student at the University of California (A.B., 1924), he worked as a police officer in Berkeley. After holding two posts as Chief of Police: at Fullerton, California, 1925-26, and at Wichita, Kansas, 1928-39, he joined the faculty of the University of California, Berkeley, as Professor of Police Administration. In 1950 he was appointed Dean of the School of Police Administration, a position he held until 1960. At Harvard he was lecturer to the Bureau of Street Traffic Research in 1937. He has also been police consultant to the Public Administration Service of Chicago, 1939-43, and to the Insular Government of Puerto Rico, 1951. From 1943 until 1947 he served as Lieutenant Colonel, and later as Colonel, in the United States Army Corps of Military Police in Germany and Italy. From 1941 until 1949 he was President of the Society for the Advancement of Criminology. Since 1960 he has been Superintendent of the Chicago Police Department. He is the author of three standard texts in the field of police administration: *Police Records*, 1942, *Police Administration*, 1950, and *Police Planning*, 1951.

*Presented by Foster G. McGaw, Trustee of Northwestern University*

## WARD DARLEY — DOCTOR OF LAWS

In his long association with the University of Colorado (A.B., 1926; M.D., 1929) he served successively as Professor of Medicine, 1944-56; Dean of the Medical School, 1953-56; Vice-President, 1948-53, and President of the University, 1953-56. On many of the most important national commissions, councils, and foundations dealing with medicine he has been a member or consultant: Division of Medicine and Public Health, Rockefeller Foundation, 1952-53; Western Interstate Commission on Higher Education, 1951-56; Board of Visitors, Air University, United States Air Force, 1955-58; National Merit Scholarship Corporation (Trustee), 1955-63; Medical School Grants Advisory Committee, Ford Foundation, 1956. For fourteen years he exerted a guiding influence on the Association of American Medical Colleges, as a member of the Executive Council, 1945-51; as President, 1952-53; and particularly as Director, 1956-64. He is a member of the National Academy of Sciences. In 1964 he was given one of the highest honors in medical education, the Abraham Flexner Award.

*Presented by Dr. Theodore R. Van Dellen, Associate Professor of Medicine  
and Assistant Dean of the Medical School*

## NORTHWESTERN UNIVERSITY

### CAROL FOX — DOCTOR OF FINE ARTS

Opera Producer. After graduation from the Girls Latin School, Chicago, she continued her education in voice studies with Giovanni Martinelli, Edith Mason, Vittorio Trevisan, Virgilio Lazzari, and teachers in Italy. In 1952 she founded the Lyric Theatre of Chicago, which became the Lyric Opera of Chicago. From 1952 to 1956 she served as its President and General Manager. Since 1956 she has been General Manager. In 1956 she was decorated Cavaliere al Merito della Repubblica Italiana.

*Presented by Leigh B. Block, Trustee of Northwestern University*

### NEWTON N. MINOW — DOCTOR OF LAWS

Executive Vice President and General Counsel Encyclopedia Britannica. Graduate of Northwestern (A.B., 1949; LL.B., 1950). Law clerk to Chief Justice of the United States Supreme Court Fred M. Vinson, 1951-52. Administrative Assistant to Governor Adlai E. Stevenson of Illinois, 1952-53. Partner of the firm Stevenson, Rifkind and Wirtz, 1957-61. Special Assistant to Adlai E. Stevenson in presidential campaigns, 1952 and 1956. Named one of America's outstanding young men of 1961. Received the Foster Peabody Broadcasting Award, 1961; and the Northwestern University Alumni Association Merit Award, 1963. Chairman of the Federal Communications Commission, 1961-64. Executive Vice President and General Counsel of the Encyclopedia Britannica since 1963.

*Presented by Harold A. Smith, Trustee of Northwestern University*

### FREDERICK SEITZ — DOCTOR OF SCIENCE

President, National Academy of Sciences. Graduate of Stanford University (A.B., 1932) and of Princeton (Ph.D., 1934). Formerly a research physicist with the General Electric Company and a member of the faculty of University of Rochester, University of Pennsylvania, Carnegie Institute of Technology. Presently, Professor of Physics and Dean and Vice President for Research in Graduate College, University of Illinois. Chairman, governing board, American Institute of Physics, 1954-59. President, American Physical Society, 1960-61. Chairman, Naval Research Advisory Council; Vice Chairman, Defense Science Board, 1961-. President of the National Academy of Sciences since 1962. Member American Philosophical Society. Author: *The Modern Theory of Solids* (1940), *The Physics of Metals* (1943). Co-editor: *Preparation and Characteristics of Solid Luminescent Materials* (1948); *Solid State Physics* series.

*Presented by Dr. John A. D. Cooper, Dean of Sciences, Professor of Biochemistry in the Medical School.*

### LAWRENCE WILLIAM TOWNER — DOCTOR OF HUMANE LETTERS

Librarian, Newberry Library. He received his education at Cornell College, Iowa (A.B., 1942) and Northwestern University (M.A., 1950, Ph.D., 1955). During World War II he served as First Lieutenant in the United States Army Air Force. Beginning his professional career as History Master in the Chicago Latin School, 1946-47, he moved on to the professorial staffs in history at the Massachusetts Institute of Technology, 1950-55, and the College of William and Mary, 1955-62. He edited the *William and Mary Quarterly* from 1955 to 1961, and was a Fellow of the Harvard Center for the Study of the History of Liberty, 1961-62. As Librarian, 1962-, he was the prime mover in the Newberry Library's recent widely acclaimed acquisition of the Silver collection of rare books dealing with the Renaissance.

*Presented by James M. Barker, Life Trustee of Northwestern University*



## ONE HUNDRED AND SEVENTH COMMENCEMENT

### ROBERT E. WOOD — DOCTOR OF LAWS

Director, Sears, Roebuck and Company. A graduate of the United States Military Academy (1900), he served as Second and First Lieutenant, Third Cavalry, 1900-1902, in the United States Army during the Philippine Insurrection. From 1905 to 1915 he held positions as Assistant Chief Quartermaster, Chief Quartermaster, and Director of the Panama Railroad Company, on construction of the Panama Canal. A Colonel and later a Brigadier General during World War I, he became Acting Quartermaster General of the United States Army, 1918-19. He began his career in the business world as Assistant to the President of the General Asphalt Company, 1915-17, and as Vice-President of Montgomery Ward and Company, Chicago, 1919-24. In his long association with Sears, Roebuck and Company he has been successively Vice-President, 1924-28; President, 1928-39; Chairman of the Board, 1939-54; Chairman of the Finance Committee, 1954-57; and Director. He is also a Director of the Illinois Central Railroad and of the First National Bank of Chicago. He has been awarded the Philippine Insurrection Medal, the Panama Canal Medal, and the D.S.M., Legion of Merit. He is a Companion of the Order of St. Michael and St. George (British), and a Knight of the Legion of Honor (French).

*Presented by Calvin Fentress, Jr., Trustee of Northwestern University*

### WESLEY MOON DIXON — DOCTOR OF LAWS

After Cornell University (1914-17) and World War I, in which he served as Second Lieutenant, he made business his profession. Since 1920 he has been a corporation executive: Vice-President, Director Cornell Wood Products Company, 1920-25 and President, Dixon Board Mills, 1925-28. Sefton Manufacturing Corporation, 1928-30. Most of his career has been spent with the Container Corporation of America of which he has been in turn Vice-President and Director, 1930-46; President, 1946-61; Chairman of the Board, President, and Chief Executive Officer, 1960-61; and Chairman of the Board, 1961 through 1963. He is a member of the Board of Directors of the U. S. Gypsum Company, the Harris Trust and Savings Bank, and the Pure Oil Company. For many years he has been a Trustee of the Chicago Wesley Memorial Hospital and of Northwestern University. From 1959 to 1964, he was President of Northwestern's Board of Trustees.

*Presented by Payson S. Wild, Vice President and Dean of Faculties*

### FRANCIS KEPPEL — DOCTOR OF LAWS

United States Commissioner of Education. A graduate of Harvard University (A.B., 1938), he spent most of his professional career at his alma mater: Assistant Dean, Harvard College, 1939-41; Assistant to the Provost, Harvard University, 1946-48; Dean, Faculty of Education, 1948-62. During World War II he rose from the rank of private to that of First Lieutenant in the U.S. Army. From 1941 to 1944 he was Secretary of the Joint Army and Navy Committee on Welfare and Recreation. He is a member of Phi Beta Kappa and the American Academy of Arts and Sciences. Since 1962 he has held his present office.

*Presented by John G. Searle, President of the Board of Trustees, Northwestern University*

# THE DEGREES IN COURSE

The appearance of a name on this list is presumptive evidence of graduation but is not to be regarded as conclusive.

## THE COLLEGE OF ARTS AND SCIENCES

*Candidates Presented by* DEAN SIMEON E. LELAND

### BACHELOR OF ARTS

Albert Eugene Abraham	Barbara Jane Bogott
Carol Elizabeth Adams	Patricia Lloyd Bond
Ruth Rubin Adler	Joseph Cicero Bonita
Joseph Kaye Alexander	William Moss Bonner
Walter Charles Allan	Jean Bonney
Maria Athena Anagnost	Marjorie Claire Borchardt
Barbara Annette Anderson	Stephen Russell Bornemeier
Carol Robinson Anderson	Frederic Carl Bower
Kay Darlee Anderson	Susan Elizabeth Boyd
Michele Jean Anderson	Geoffrey Richard Brace
Thomas David Anderson	James Kendall Breyley, Jr.
Sheila Bea Andich	Sandra Greer Brierley
Cary Francis Andras, Jr.	Ralph Wayne Brock
James Robert Andreas	Harvey Allen Brody
Terence William Andrews	Carol Lynne Bronson
Richard April	Donald Sherman Brown
Katherine Ray Arenson	Frank Arthur Brown III
Susan Bauer Armstrong	Sandra Ruth Brown
Lee Frederick Arnold	Stephen E. Brown
Dorothy Frances Arp	Susan Martha Bryan
Laurence Paul Ash	Kirk Hayward Bubul
Richard Warner Ashley, Jr.	John Edward Burchard
Lawrence Heesch Atkins	Judith Spencer Burgess
Marjorie Wendy Astley-Bell	Eileen Kathryn Burke
Barbara Jean Ausbeck	Sharon Elizabeth Lee Burks
Barbara Anne Babcock	Joan Sharon Burris
Deborah Hargreaves Backhurst	Bonnie Evelyn Burst
Jane Bailey	Elizabeth Busch
Robert Allan Bair	Kent Ward Butzine
Mary Frances Bajt	Mark Stone Cady III
William Francis Baker	Richard Harold Cady
Betty Marie Bakke	Catherine Calabrese
Carl David Bakken	Carol Ann Carlisle
Douglas Craig Baldwin	Susan Mary Carlson
David Daniel Barr	Harriet Brown Carter
Elizabeth Ann Barth	Lucien Charles Caruso, Jr.
James Morton Beck	Deborah Gillet Cass
Madelyn Bell	Joseph Cerne
Carl Robert Bergstrom	Linda LuVerne Chalfant
David Victor Berkowitz	Leonard Henry Charchut
Mary Frances Bernbrock	Michele Antoinette Chatain
Brita Nilsson Beuthe	Ford Evard Chinworth
Janice Hamilton Beuttell	Thaddeus Anthony Chrzan
David Charles Bock	Nicholas Ciani

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Edwin Gilbert Davy	Gary George Geltmeyer
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Howard Hart Droege	Ronald Leslie Greene
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Geraldine Durrell	Patricia Joyce Haag
Jeffrey William Dykes	Robert Ward Hackney
Fate Lenard Echols	Parry Todd Haines
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David Eugene Eggert	Edwin Clark Hamilton
Elizabeth Jane Elkin	Georganna Lee Hancock
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 Elizabeth Harvey  
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 Lynn Elizabeth Haude  
 Frances Toby Hecht  
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Margaret Ann Nichols	Arellano
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NORTHWESTERN UNIVERSITY

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 James Albert Sarraïl  
 David Alan Savner  
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 John Schlanger  
 Carol Ann Schmidt  
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 Monica Ingrid Schubeler  
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 Marsha Deborah Schwartz  
 Bonnie Joy Sedlak  
 Morris Allan Seeskin  
 Norman Elliott Segal  
 David Mark Selcer  
 Michael Anthony Sellett  
 Ann Harris Shackleton  
 Linda Ann Shaffer  
 Jerrold Maurice Shapiro  
 Reva May Shepp  
 Barbara Jean Sheppard  
 Harvey Edward Sherman  
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 Ronald Frank Siepkowski  
 William David Sivitz  
 Anne Elizabeth Skagen  
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 Karen Alice Skoglund  
 Harris David Slavick  
 David Arthur Smart  
 Donn Scott Smith  
 Samuel Miller Smith  
 Sondra Finkel Smith  
 Philip Owen Spann  
 William Lewis Speizman  
 William Allan Spence, Jr.  
 Dieter Konrad Sprang-Sabiers  
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 Mary Katherine Stahl  
 Barbara Savitt Steiger  
 Donna Stephens  
 Elaine Shirley Stern  
 Glenn Frank Sternes  
 Merle Sharon Stolar  
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 Joan Nancy Sugerman  
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 Norma Jean Thelander  
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 Thomas Lawrence Thomas  
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 Merrill Lee Tippett  
 Rochelle Tobie Tirsky  
 Susan Glenna Tittle  
 Alma Jean Tomlinson  
 William George Tonkin  
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 David Alan Utech  
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 Mark Van Drunen  
 Tex Van Hoefen  
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 Kathryn Nancy Vedder  
 Vicki Jo Vickery  
 Nancy Jane Vorbau  
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 Darryl William Wagner  
 Hazel Freeman Wagner  
 Judith Ann Wasmuth  
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 Harold Claus Wegner  
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 Edward Stephen Weiss  
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 Michael Kingsbury White  
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David Samuel Zee  
Zigrida Puce Zelenko  
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Stephen Joseph Erd  
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Leslie William Flott  
John Dwinnell Frey  
Gareth Lee Golay  
Edward Wallace Goodrich  
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Richard Arthur Hennessy  
Karl George Holzman  
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Thomas Joseph Hughes  
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Peter Ralph Toscano  
Howard Andes Weine  
Victoria Shuken Weisenberg  
Hagen Wettwer  
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Thaddeus Anthony Dabrowski  
Louis Richard Flader

Audrey Kramen Gordon  
John Wesley Kensler  
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NORTHWESTERN UNIVERSITY

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Candidates Presented by DEAN RICHARD H. YOUNG

DOCTOR OF MEDICINE

Paul Gregory Alberton	Sean Michael Killoran
Ernest Gifford Ammermann	John Edwin King
LeRoy Phillip Bach	Arthur Burtnett Kirchner
Clayton Garrett Ball, Jr.	Dennis James Kontra
Carl John Baumgartner, Jr.	Marinus Krijger
John Jay Beck	Allan Ryo Kunimoto
Jay Ford Blunck	Gerald Richard LaPlaca
Charles Marshall Brown	Dale Arthur LaVallee
*Thomas Clarence Brown	John Patrick Layde
*Robert Emil Bunata	Randolph Myron Lindblad
*Fredric David Burg	Robert James Luber
Richard Allen Camp	Robert Emery Marcolesco
John Davis Cantwell	James Raymond McAninch
*Leonard J. Comess	†David Ronson McConahay
Joel Lawrence Cristol	Alex Richard McGinnis
†Philip Eugene Cryer	Charles Douglas Meadows
Kenneth Blance Cummings	Howard Louis Melam
Ernest Lloyd Cunningham, Jr.	Wayne Walter Meyer
Howard Palmer Cupples	Dean Kermit Midboe
William Walter Daniel, Jr.	Marvin M. Mitchell
Kenneth Earl DeHaven	Milo Lyman Moody
Thomas Stewart Dina	Terrell Conway Moritz
Maurice Michael Dorr	Joseph Daniel Motto, Jr.
Thomas Joseph Ekkers	Courtland Leroy Munroe
Huron Leslie Ericson	Robert Barry Nelson
William Faller	Louis Herman Netzer
Marcus Mathias Fiechtner	William Stafford Nevin
Brenton Holbrook Field, Jr.	Robert Reid Newport
Frederick William Flickinger	Stephen Harrington Nichols
Michael Charles Flynn	Bruce Harvey O'Neil
Byron Earl Fossieck, Jr.	Arthur Stuart Palmer
Jack Arthur Friedland	Donald John Pansch
Robert Alan Goldberg	Donald Charles Parker
Leonard Joseph Gosink	John Gust Pasalis
Robert Nelson Gray	Grant William Patton, Jr.
John Harlin Grimes	Marvin Anton Perer
Charles Albert Haerter	Robert Elliott Pickard
Glen Hait	Norman deAnguera Porter, Jr.
Ronald Allan Harrison	Robert Allan Ratcheson
James Morgan Hayes	Tomlin Capps Rosi
Mata Diane Hilgeson	Richard Irwin Rowen
John Peter Hinterkopf	George Michael Ruby
Michael Stephen Hmura	Ruben Saenz, Jr.
Allan Cooper Hoekzema	Chester Yoshio Sakura, Jr.
Edwin William Hooper	Ira Sidney Salafsky
Bruce Rigler Holzman	Greg George Schoofs
Lawrence Kent Hussey	Joseph Weston Segura
Jack Edward Jackson	Emmett Jerome Sharkey
John Reginald Jarrett	David Neil Sim
Kenneth Casper Johnson	Richard John Skrenta
Marshall Edward Kadin	Sidney Guthrie Smith
Patrick Bruce Kavaney	†Douglas Walter Soderdahl
Jerome Thomas Kay	George Henry Spoerl

†With highest distinction

\*With distinction



ONE HUNDRED AND SEVENTH COMMENCEMENT

Donald Arthur Sroat	Karl Elmer Tomm
Joan S. Stasior	Emmerich von Haam, Jr.
John Albert Stoner	Raymond Leonard Warpeha
Beverly Joan Straits	Joseph Leland Weddle
Richard Lester Strub	Mervyn Jay Weis
Patrick Donald Sullivan	Robert Dean Wertz
Robert William Swan	George Dubar Wilner
Oliver Swigert	Andrew Ryuji Yamada
Donald Eugene Thompson	Jerry Lee Youmans
Bertil Sigvard Thunstrom	Sherwood Fredrick Young
Joseph Calvin Tiffany II	Thomas Torleif Younge

BACHELOR OF SCIENCE IN MEDICINE

Richard Glenn Armstrong	Mitchell Steven Komaiko
Philip Lawrence Bailin	MacDonald Bruce Logie
James Thomas Berryman, Jr.	Gary Wayne London
Alfred Lambert Bonjean	Jeffrey Robert MacDonald
Frank N. Burt, Jr.	Eileen Alannah McVey
Donald Sloan Coleman	Richard Wayne Merel
Winston Douglas Crabb	Theodore Cluff Ning, Jr.
Donald Leslie Emenhiser	Ferdinand Azikiwe Ofodile
Scott Fantz	Paul Frederic Palmberg
Richard Alan Fefferman	Michael Merwood Ramsey
Arthur Benjamin Feldman	Daniel Albert Rightmire
James Jesse Hansen	Gerald Samuel Stein
John Vincent Hartline	Hubert Allen Tressler
Rochfort Wynn Kearney, Jr.	Roger Alan Van Atta
David Lee Kerns	Kenneth Scott Wayne
Jeffrey Howard Klein	Ira William Weiss
Michael Louis Klein	Larry John Wikholm
Ray Conway Kolosseus	

BACHELOR OF SCIENCE IN NURSING

Virginia Anne Ade	Gretchen Helen Plantz
Jane DeVenne Amor	Melinda Jane Risius
Barbara Elizabeth Belcher	Susan Lynn Schuldt Roos
Alda Jean Birgeron	Barbara Ann Rueter
Sheryl E. Conzelman Boltz	Doris Mae Sandiford
Elizabeth Anne Conklin Dvorak	Melanie Ann Schroeder
Patricia Helen Entz	Sandra Kay Sissing
Barbara Dell Krasny	Cynthia Ann Skeel
Martha Louise Coop Lacey	Robertta Anne Spark
Loretta Ann Low	Nancy Ruth Weber
Barbara Ruth Merrell	Sharon Lucille Wessling
Sharon Lee Newling	Nancy Joan Wink
Harue Kawano Ozaki	

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Dolores Jean Kerber	Karen Ann Mansmann
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BACHELOR OF SCIENCE IN PHYSICAL THERAPY

Marybeth Boggs Christy	Diane Lee Rappaport
Robert L. Green	Gayle Amelia Reichmuth
Sandra Gail Lassota	Patricia Kathleen Ross
Ellen A. McMahon	

NORTHWESTERN UNIVERSITY

THE SCHOOL OF LAW

*Candidates Presented by* DEAN JOHN RITCHIE

MASTER OF LAWS

Arthur John Liston Dickson, LL.B., Rhodes University, 1964.  
Richard Curtis Groll, J.D., Loyola University School of Law, 1964.  
Geoffrey Wright Harding, LL.B., University of London King's College, 1957.  
Taisuke Higashi, LL.B., Kansai University of Osaka, Japan, 1961.  
Kenneth Paul Klaiman, B.A., Tulane University, 1961.  
Hiroto Miyake, B.A., International Christian University, 1957.  
Joseph A. Musah, Diploma in Law, Ghana Law School, 1962.

JURIS DOCTOR

Howard Leslie Adler	Jerrold Bruce Gold
Michael D. Aufrecht	Jeffrey Lowell Graubart
Edward Shure Berger	Dennis Arthur Gross
Robert Alan Berkoff	James Thomas Haddon
Richard Lyle Betz	Kenneth Gordon Hance, Jr.
Richard Mark Binder	Arne Hansen
Martin Kenneth Blonder	Arthur Baur Harris
Douglass Kennedy Blood	Thomas Zander Hayward, Jr.
Edward Walter Boehm III	Sherman SeeMun Hee
Richard A. Bookspan	William Lincoln Heubaum
William Thomas Brooks	David Kimball Hill, Jr.
James Martin Carr	Richard John Hill
James Edward Cary	Jon Hoffheimer
Claude Keplar Chappellear	William John Holloway
Stephen Richard Chesler	Dolores Volini Horan
John William Chestnut	Matthew Albert Hutmacher
Thomas Gale Church	Thomas Norgan Jacob
Lloyd Lawson Clucas	Richard Stanley Jalovec
Bruce Preston Cohen	Stephen Leigh Jenkins
William Thomas Cormack	Rodney Nathanael Johnson
Anthony Aloysius Cox, Jr.	Charles Kadish
John Charles Craft	Richard Alan Kalaher
Herbert Mitchell Dacks	Charles Edward Kirkwood
George Warterfield Dahnke	Gene Arthur Knorr
Francine Julia Delbick	Edward Louis Koven
John Owen Demaret	William Parker Kreml
Philip Ambrose Doran	Laurence David Lasky
Stuart Duhl	Michael Irwin Lew
Melvyn Roger Durchslag	Michael M. Listick
Vernon Lawrence Evans	Neal Alan Mancoff
Robert Frank Falkner	Richard John Massa
Roger Gary Fein	James Patrick McCarthy, Jr.
Lois Sue Fishman	Robert Butler McGee
Steven Joel Fishman	Michael Lee Melner
Kenneth Yale Geman	James Fox Miller
Edward Marvin Genson	James Allen Moehling
Raymond Irving Geraldson, Jr.	John Francis Morreale
Larry Gerber	Walter Harper Moses, Jr.
Thomas Harlan Getz	Charles William Musgrove
Arthur Samuel Gold	James Andrew O'Brien

ONE HUNDRED AND SEVENTH COMMENCEMENT

James Edward O'Halloran, Jr.  
Richard Lee Peters  
Donald George Peterson  
Robert Steven Polachek  
James William Rieckhoff  
Timothy James Riordan  
Paul D. Rudnick  
Harold Seymour Ruttenberg  
Harry Morris Sangerman  
John Stuart Schauer  
George Wheeler Seeley  
Gerald J. Senescu  
Mary Louise Sfasciotti  
Ralph Philip Shield  
John Gerald Shortridge  
Anthony Arthur Sicilia  
Melvyn Arnold Silver  
Martin Richard Simon  
Philip George Simonds  
William Allen Stearns  
Robert Karl Steuer  
Michael James Stevens

John Charles Stiefel  
Melvyn Roy Strauss  
Charles Thomas Swaim  
Frederick Milton Sweat  
William John Tewksbury  
Herbert John Theisen  
Leroy John Tornquist  
Watson Billopp Tucker III  
Robert Dixon Tyler, Jr.  
Max Tyson  
Tyll Robert vanGeel  
Michael James Wallace  
Robert George Weber  
Michael Barry Weininger  
Daniel Wilkus Weil  
William Cyrus Weinsheimer  
Bennett Paul Weinstock  
Charles Wesley Wilson  
Walter Wayne Withers  
Brian L. Wolfberg  
Robert Allen Yolles

THE SCHOOL OF SPEECH

*Candidates Presented by* DEAN JAMES H. MCBURNEY

BACHELOR OF SCIENCE IN SPEECH

Mark Altenbernd  
Diane Alyce Anderson  
Karen Sue Angevine  
Sandra Elizabeth Lynn Armstrong  
Karen Sue Baker  
Paul Kermit Basten  
James Carlin Bell  
Catharine Grace Bemis  
Kathleen Campbell Benke  
Shelia Ann Bergman  
Raye John Birk  
Victoria Black  
Mary Carol Blomgren  
Wendie Lee Blume  
James Joseph Bradac  
Sharon Elaine Brown  
Jay Peter Bryant  
Christina Bucheit  
Edward Gordon Byrd  
Nan Carole Campbell  
Joan Beth Caplan  
Eric Degrasse Chapman III  
Gene Davis Chipps  
Kenneth Louis Chomont  
Judith Anne Connally  
Howard Frank Crosby, Jr.  
Susan Frances Peters Cvercko  
Judith Angela Daily  
Dinah Dees

Michael James Donnell  
John Charles Dorsch  
Douglas Lee Drehmann  
Elisabeth Alice Dresser  
Jerome Edward Egel  
Susan Shaw Ekman  
Jo-Ann Dexter Evans  
Edward Garnet Fay  
Jacqueline Fields Fisher  
Lucy Lee Flippin  
Barbara Elaine Flom  
Ronald Stephen Fridell  
Deborah Ann Garlock  
Elaine Leslie Gewinner  
Gary Faye Grammer  
Carol Ann Gratch  
Susan Jane Grunau  
Susann Kay Gustafson  
Ann Louise Harris  
Sara Melissa Hart  
Lawrence George Havens  
Nancy Turner Henckel  
Willam Asher Henkin  
Gudrun Areta Irmgard Herborn  
Nina Louise Herrmann  
Carolyn Holloway  
Sanford Dale Horwitt  
Karen Sue Hostrup  
Nancy Joan Householder

NORTHWESTERN UNIVERSITY

Gertrude Linda Isbitz  
Donald Jessie Jackson  
James Gilbert Johnson  
Bonnie Mae Kalaher  
Karol Sue Katz  
Gary F. Klaff  
Martha Braden Kleibacker  
Clarice Ann Klump  
Mary-Beth Daugherty Lean  
Stephanie Alice Levee  
Joan Downing Levensaler  
Eric Scott Lidh  
Diane Joy Lisberg  
Sandra Conti London  
Molly Lorber  
Judith Louise Marchbanks  
Cheryl Lee Margulis  
Jeannie Ellen Masee  
Janice Kay Matheny  
Sally Jo Mayor  
Bonnie Lee McCullagh  
Judy Lee McKeown  
Anne Marie Merkelbach  
Patricia Ann Merritt  
Jacque Ivey Minnotte  
David George Moore  
Judith Gayle Moore  
Mary Cassandra Moore  
Thomas Cebern Musgrave III  
Susan Shanks Musselwhite  
Steven Charles Narland  
Judith Summers Neese  
Pamela Dorothy Neuharth  
Diane Edna Niemeyer  
Sharon Kay Oberwortmann  
Candus Star Olson  
Marcus Lee Overton  
Richard Allan Panagos  
Carole Louise Parker  
Cynthia Parker  
Holly Lynne Peterson

Naomi Sharon Prinz  
Sherre Lynne Ragan  
Peggy Frances Resnik  
Linda Kay Richardson  
John Arthur Ritter  
Toby Lee Rochman  
Hazel Myrna Rosenblum  
Greg Joseph Royer  
Morris Elmo Ruddick, Jr.  
Edward Warren Santor  
Noel Scantlebury  
Morissa Gerber Schatz  
Gretchen Suzanne Schrader  
Nancy Jo Booth Serlin  
James Edward Shannon  
Sara Gay Shipman  
Doreen Sharon Silverman  
Linda Ann Silverman  
Sherrill Mary-Ann Slattery  
Janice Ann Solomon  
Suzanne Sparks  
John Henry Stassen, Jr.  
Ruth Louise Stockard  
Wilton Urban Stone  
John David Strickler  
Sarah Ellen Sullivan  
Susan Lee Temple  
Woodrow Paul Tracy  
Barbara Louise Robinson Uhlir  
Scott Wilford Upright  
Susan Ann Van Deman  
Margaret Ann Van Dusen  
David James Van Hecke  
Mary Joanne Venovich  
Mary Heiberg Whitehead  
Richard Giles Whitsell  
Charles Benton Wilde  
Rita Louise Wilson  
Jan Hester Wortman  
Iris Namiko Yamaoka

THE SCHOOL OF DENTISTRY

*Candidates Presented by* DEAN GEORGE W. TEUSCHER

DOCTOR OF DENTAL SURGERY

Harry Raymond Barcus  
Harvey Belsky  
Thomas Glennon Benton  
Roger Howard Boltz  
Sheldon Howard Carr  
Joseph Louis Caruso  
Conrad William Chapek  
Michael Thomas Cornell  
Thomas Edward Cummings  
Allan Wayne Derry  
Eugene A. Doerr

Robert Joel Duncan  
Richard M. Edwards  
Fred Edward Ehrlich  
Robert Chapman Ewbank, Jr.  
Achilles Michael Filios  
Paul Gilbert Fleisher  
Terence Jon Fowler  
Roger Philip Freeman  
James Vincent Graceffa  
Steven Alan Greenberg  
James Arthur Ham



## ONE HUNDRED AND SEVENTH COMMENCEMENT

Fred H. Hassig  
Fred P. Heller  
Donald H. Hogue  
Samuel Gary Hollander  
James Henry Howell  
Aarl R. Hunter  
Robert Lee Jenkins  
Stephen M. Kaz  
Lawrence J. Kessler  
Robert William Knupp  
Ernst Krijgers-Janzen  
Ralph Henry Laurell  
John Andrew Leitch  
Stephen MacFarlane Marsh  
Clay Chauncey Maupin, Jr.

Monte William McFadden  
Donald Messer (Missirlian)  
Elwood Henry Stade  
Ronald Michael Stanczak  
Dennis Kammerer Stoller  
James William Tait  
Marvin Mitsuo Tanaka  
Lowell Morris Thompson  
Donald Squires Thorne  
Thomas Dale Townsan  
Kenneth Lee Tracht  
Dennis Jordan Widman  
Richard Henry Wiedey  
Robert W. Wiggs  
Dan Yim

## THE SCHOOL OF MUSIC

*Candidates Presented by* DEAN GEORGE HOWERTON

### MASTER OF MUSIC

Edward Eugene Albin, B.M.E., Cosmopolitan School of Music, 1962.  
Marie Elizabeth Anderson, B.M., Houghton College, 1964.  
Robert Norman Bauchens, B.M., Southern Illinois University, 1964.  
Joy Sarene Brassington, B.M., Northwestern University, 1964.  
Joe Evan Burt, B.M., Howard College, 1964.  
Karen Lorraine Carmichael, B.M., Northwestern University, 1964.  
Cleon Ray Chase, B.M., Baylor University, 1964.  
Thomas Joseph Cifani, B.S., State University Teachers College, Potsdam, New York,  
1958.  
William Frederick Clark, B.M.E., University of Colorado, 1964.  
John Jerry Cobb, B.A., Arizona State University, 1964.  
Mary Katherine Craddock, B.A., Los Angeles State College, 1962.  
Sally Ritter Didrickson, B.M.E., Northwestern University, 1963.  
Stephen John Evans, B.M., Youngstown University, 1963.  
Robert Allen Fought, B.S., Pennsylvania State University, 1964.  
Marcia Taylor Fountain, B.M., University of North Carolina, 1964.  
Wayne Kenneth Guise, B.S., State Teachers College, West Chester, Pennsylvania,  
1958.  
Maria Cecilia Gutierrez, B.M., Marywood College, 1962.  
Eugene William Helmuth, B.M.E., Northwestern University, 1964.  
Peter Roger Herr, B.M.E., Northwestern University, 1963.  
Margaret Ann Hood, B.M., Greensboro College, 1964.  
Rita Lynn Jeffirs, B.M.E., Northwestern University, 1964.  
Harry Gordon Jensen, B.M., Northwestern University, 1964.  
Linda Johnson, B.M., Greensboro College, 1964.  
Robert Bacon Kolb, B.A., University of Rochester, 1962.  
Susan Marie Lindquist, B.A., University of Washington, 1962.  
Lorna Kay Lutz, B.M., University of Rochester, 1963.  
Wanda Mae Martin, B.M., Oklahoma City University, 1963.  
Thomas Luther Matthews, Jr., B.A., Furman University, 1964.  
Brenda Watkins Maurice, Mus.B., Oberlin College, 1964.  
Diane Maximovich, A.B., Knox College, 1964.  
Michael Alan McClead, B.M., Indiana University, 1963.



## NORTHWESTERN UNIVERSITY

Dwight Kermit Menard, B.A., West Virginia Wesleyan College, 1964.  
Donna Rose Merris, B.S. in Ed., Illinois State Normal University, 1961.  
Sigrid Stephanie Nau, B.M.E., B.M., Northwestern University, 1964.  
Elinor Christine Nolde, A.B., Randolph-Macon Women's College, 1964.  
Glenda Marie Ostlund, B.M., Northwestern University, 1963.  
Diane Lee Peacock, B.M., The College of Wooster, 1963.  
James Donald Poulton, Mus.B., Oberlin College, 1964.  
Kenneth Rolland Puckett, Mus.B., Oberlin College, 1962.  
Mary Catheryn Rust, B.M.E., Northwestern University, 1964.  
Michael Mark Salzman, B.M., Texas Western College, 1964.  
Curtis Otto Bismark Smith, B.M., Northwestern University, 1964.  
Neil Maurice Sobel, B.S. in Ed., Northern Illinois University, 1963.  
Donald Richard Stromberg, B.A., State College of Iowa, 1963.  
Eleanor Mae Stromberg, B.A., State College of Iowa, 1963.  
Diane Rebecca Vahey, B.M., Northwestern University, 1964.  
Bonita Louise Vojtek, B.A., Mount Mercy College, 1964.  
Nelson Wayne Williams, B.M., Bethany College, 1962.

### MASTER OF SACRED MUSIC

John Robert Heidinger, B.A., Concordia Seminary, 1955.

### BACHELOR OF MUSIC

Diana Bowman	Beatrice Joy Osgood
Diane Carol Bramon	Robert David Prock
Linda Jean Cummiskey	Diane McGowan Ravenscroft
John Hach Fuller	Brenda Roberts
Jane Hamilton	Steven Joel Samler
Helen Ann Kowalczyk	Joanne Marie Sturman
Mary Ann Millar	Karen Jeanne Szymanski
Ned Erwin Mohr	Lois Jean Turbitt
Susan Marie Nalbach	Elizabeth Ruth Wolf

### BACHELOR OF MUSIC EDUCATION

Linda Ann Beia	Joan Bellinger Liberati
Alfred Peter Brown II	Edith Hays Myers
William John Carrera	Susan Marie Nalbach
Frank Carl Diliberto	Margaret Ann Needham
William Elliott Dinwiddie	Henry Grim Neubert
Karen Frances Drucker	Edean Sadako Omoto
Susan Elizabeth Farley	Ronald Elmer Predl
Danny Wayne Felty	Susan Elizabeth Rom
Carol Marie Fisher	Donna Kay Schramm
Heather Faith Golembo	Lynne Warnock Steele
Terry Edward Guidetti	Alice Ader Verhoog
Daniel Kobida	Ralph Gerson Wilder
Cary Fredrick Letsche	

ONE HUNDRED AND SEVENTH COMMENCEMENT

THE SCHOOL OF BUSINESS

*Candidates Presented by* DEAN JOHN A. BARR

MASTER OF BUSINESS ADMINISTRATION

James Laurence Ach, B.A., Pomona College, 1963.  
John Andrew Adams, B.S., Miami University, 1964.  
Byron David Allen, B.S.B.A., Northwestern University, 1964.  
Albert Martin Anderson, Jr., B.S.I.E., Northwestern University, 1958.  
Stephen S. Anderson, B.S.B.A., Northwestern University, 1964.  
Gordon Burnet Austin III, B.S.I.E., Stanford University, 1963.  
Lawrence James Baldwin, B.B.A., Northwestern University, 1964.  
James Albert Bangert, B.S.I.E., Saint Louis University, 1962.  
Dennis Arthur Barnette, A.B., Hanover College, 1963.  
Robert Derek Barton, B.S.E.E., Mississippi State University, 1940.  
Anthony Martin Lorimer Baylis, B.Comm., University of New South Wales, Australia, 1963.  
David Charles Beck, B.B.A., University of Iowa, 1964.  
Robert Herman Becker, B.S., University of Illinois, 1964.  
Phil Berman, Jr., A.B., Ripon College, 1963.  
Richard Earl Bernstein, A.B., Stanford University, 1963.  
Joel Sharp Black, B.S.E., Princeton University, 1960.  
Roger Lee Black, B.S. in Aero.E., Purdue University, 1946.  
John Edward Blutenthal, B.S., Indiana University, 1964.  
Maurice Thurston Bobbitt II, B.A., University of Illinois, 1960.  
John Achlin Bohm, B.B.A., University of Wisconsin, 1959.  
Alan Stewart Borg, B.S.C.E., Northwestern University, 1963.  
William Seward Bradbury, B.S.B.A., University of Kansas, 1964.  
Robert Michael Breen, B.A., Saint Ambrose College, 1954.  
Willis Harold Brett, B.S.C.E., University of Illinois, 1940.  
John De Vere Brockhouse, B.S.B.A., Northwestern University, 1964.  
Warren James Broll, B.S., University of Illinois, 1963.  
Roger Colville Buck, B.S.E.E., Massachusetts Institute of Technology, 1959.  
John Frederick Buley, B.S., University of Illinois, 1961.  
Richard Floyd Bunt, B.A., Saint Olaf College, 1963.  
Harvey John Capell, B.S., Utah State University, 1964.  
Duane Edward Celarier, B.S.Ch.E., University of Illinois, 1959.  
Sheldon David Chizever, B.S.B.A., Northwestern University, 1959.  
Francis Christopher Cirrincione, B.B.A., University of Notre Dame, 1964.  
Thomas Dornblaser Clutz, B.S., University of Kansas, 1964.  
Jon Eric Cobain, B.S.B.A., University of Nevada, 1964.  
Michael James Coffey, A.B., Marquette University, 1963.  
Arthur Benedict Collins, B.S.B.A., Georgetown University, 1964.  
Jimmy Paul Combs, B.S.E.E., Iowa State University, 1957.  
Thomas Francis Conrad, B.S.C., DePaul University, 1964.  
Paul Edward Cook, B.S.C.E., University of Nebraska, 1956.  
Edward George Cottrell, B.S.B.A., Northwestern University, 1964.  
Michael Keith Cribbs, A.B., Princeton University, 1960.  
Thane Crozier, B.A., University of Western Ontario, Canada, 1961.  
Norman Barry Cutler, B.S.B.A., Northwestern University, 1964.  
Norbert Alfred Daleiden, B.S.B.A., Northwestern University, 1964.  
John Frederick Danstrom, A.B., Brown University, 1963.  
John Michael DeAno, B.S.M.E., University of Illinois, 1963.  
Jerry Allan Ebers, B.A., University of Nebraska, 1963.  
Howard Entman, B.I.E., Georgia Institute of Technology, 1964.  
Thomas Arthur Erickson, B.A., Dartmouth College, 1963.  
David Baxter Felch, A.B., Stanford University, 1963.  
Harold Frederic Fendius, B.S., Carroll College, 1957.  
Milton David Field, B.S.M.E., University of Illinois, 1958.

NORTHWESTERN UNIVERSITY

- Richard George Fisk, B.S.M.E., Illinois Institute of Technology, 1952.  
 Warren Earle Forbes, B.S.B.A., Babson Institute of Business Administration, 1964.  
 Robert Lee Fox, B.S., Northern Illinois University, 1960.  
 John Francis Frasz, B.S., Florida Southern College, 1955.  
 Gerald M. Freeman, B.S., Purdue University, 1959.  
 Robert I. Gandel, B.A., Pennsylvania State University, 1962.  
 Martin Stephen Gans, B.B.A., University of Miami, 1964.  
 Marvin Earl Garrett, B.S.I.E., Northwestern University, 1963.  
 David Garton, Jr., B.A., Amherst College, 1963.  
 William Warren Geary, Jr., B.S.B.A., Northwestern University, 1964.  
 Thomas Turner Glidden, B.S., Indiana University, 1953.  
 Frank Woods Gordon, B.S.B.A., Northwestern University, 1964.  
 William Eugene Grow, B.S.C., Loyola University, 1956.  
 Jose Luis Guerra Guajardo, B.S.C.E., National University of Mexico, Mexico, 1962.  
 Robert William Hahn, B.B.A., University of Notre Dame, 1964.  
 Donald Raymond Hamilton, B.S.B.A., Northwestern University, 1962.  
 Thomas Gilbert Hamilton, B.S.B.A., Northwestern University, 1964.  
 R. John Hamman, Jr., B.A., Denison University, 1963.  
 Dexter Rex Hart, B.S.M.E., University of Wisconsin, 1955.  
 William Norman Hart, B.A., Beloit College, 1963.  
 Bruce Edward Hebert, B.S.B.A., Northwestern University, 1963.  
 Charles William Henning, B.S., Miami University, 1964.  
 John Conrad Hermann, B.S.B.A., Elmhurst College, 1958.  
 John Patrick Higgins, B.S., University of Illinois, 1961.  
 Robert Louis Hintz, B.S.B.A., Northwestern University, 1960.  
 Harvey Donn Hirsch, A.B., Cornell University, 1962.  
 Victor George Hofer, Jr., B.S.C.E., Northwestern University, 1963.  
 James Lansing Holbrook, B.S., University of Illinois, 1964.  
 Robert Emil Holgerson, A.B., Stanford University, 1963.  
 Michael Stephen Hollman, B.S.J., Northwestern University, 1963.  
 David Richard Holmes, A.B., Stanford University, 1963.  
 Steven Howard Judd, B.A., Northwestern University, 1963.  
 Thaddeus Adam Jurczak, B.S.E.E., Illinois Institute of Technology, 1951.  
 Alexander Michael Kailing, B.S.B.A., Georgetown University, 1962.  
 Richard Allan Kain, B.S.Ch.E., Illinois Institute of Technology, 1959.  
 Edward Joseph Kalinowski, B.S.E.E., Worcester Polytechnic Institute, 1963.  
 Bruce Irvin Keeler, B.A., Carleton College, 1963.  
 Curtis Alvin Ketcham, B.S., University of Illinois, 1956.  
 Wilmot Higgins Kidd III, B.S.C., Washington and Lee University, 1964.  
 Peter Joseph Kiep, B.S.M.E., Purdue University, 1960.  
 Richard Peter Kiep, B.S.B.A., Northwestern University, 1956.  
 Ronald John Kizior, B.B.A., University of Notre Dame, 1964.  
 Phillip Joel Klein, B.S.B.A., Northwestern University, 1961.  
 Howard Cyril Kocmond, B.A., Muskingum College, 1963.  
 Sheldon Herschel Konowitz, B.B.A., Boston University, 1950.  
 Frank Joseph Korner, B.S., University of Illinois, 1957.  
 Kenneth H. Kuehnle, B.S.B.A., Northwestern University, 1962.  
 Kent Earl Lambert, B.S., Oregon State University, 1963.  
 Florian Thomas Latek, B.S., Indiana University, 1956.  
 Thomas John Laux, B.S.B.A., Marquette University, 1964.  
 Audrey Bessie Laznicka, B.S., University of Illinois, 1956.  
 Arnold Marks Leib, B.S., University of Illinois, 1954; B. of F.A., 1957.  
 Stuart William Leslie, B.S., Northwestern University, 1950.  
 George Richard Levie, B.B.A., Emory University, 1964.  
 Lee Liebler, B.E.E., University of Dayton, 1960.  
 John Alexander Lockie, Jr., B.S. Aero and Astro., Massachusetts Institute of Technology, 1963.  
 Michael Clare Luecke, B.S.E.E., University of Notre Dame, 1963.  
 Oliver Perry Luetscher III, B.S.E., Princeton University, 1962.  
 Joseph Francis Marley, B.S.I.E., University of Illinois, 1956.  
 James Stephen Martay, B.S.B.A., Northwestern University, 1964.  
 Hugh Baird Marsland, B.S., Purdue University, 1961.

ONE HUNDRED AND SEVENTH COMMENCEMENT

- Emil Louis Martinec, B.S.M.E., Illinois Institute of Technology, 1950; M.S.M.E., University of Idaho, 1957.
- Thomas Webster Matchett, Jr., B.A., Lawrence College, 1963.
- John Sylvester Maurer, B.S.B.A., Elmhurst College, 1960.
- Ronald Norman Maynard, B.S., Portland State College, 1963.
- James Charles McCall, Jr., B.S.I.E., Northwestern University, 1961.
- Dennis Edward McGirr, B.A., Northwestern University, 1963.
- Thomas Clegg McGowan, A.B., Marquette University, 1963.
- Thomas Nolze McGrew, B.A., Brown University, 1962.
- Helen Joyce McLane, B.S., Northwestern University, 1951.
- George Chris Michael, B.S.M.E., Northwestern University, 1963.
- James Linter Miller, B.A., Wesleyan University, 1963.
- Nathan Miller, B.S.B.A., Northwestern University, 1959.
- Sanford Robert Mintz, A.B., Cornell University, 1961.
- Kimball Lufkin Morris, B.A., Dartmouth College, 1963.
- Arthur Raymond Morstadt, B.S.Ch.E., Purdue University, 1963.
- Peter Robert Murray, A.B., Cornell University, 1963.
- Joe Martin Nachbin, B.S.C., Roosevelt University, 1956.
- Brian Madson Neuberger, B.S., Utah State University, 1964.
- Peter Wilbur Nordell, B.E., Yale University, 1963.
- James Carl Oberhelman, A.B., University of Cincinnati, 1960.
- Richard Vincent Oelerich, Jr., B.S., Purdue University, 1958.
- Jerome Lewis Olin, B.A., Dartmouth College, 1963.
- Theodore Eugene Olson, B.S.C., DePaul University, 1961.
- Robert Stanley Osborn, B.B.A., Northwestern University, 1964.
- James Michael Osebold, B.S.B.A., Northwestern University, 1959.
- Jim Sidney Ostach, B.S., University of Pennsylvania, 1964.
- Ralph Woodland Owen III, B.S., Purdue University, 1963.
- Charles Luke Palmer III, B.S.B.A., Georgetown University, 1964.
- Jerry Wayne Paner, B.S.B.A., Bowling Green State University, 1963.
- Terry Duncan Parenti, B.S., University of Illinois, 1952.
- Dale Crawford Park, B.S.B.A., Northwestern University, 1964.
- David Strong Patterson, B.S.B.A., Northwestern University, 1963.
- Bruce Wagner Payne, B.S.B.A., Northwestern University, 1963.
- Gerald Edward Pelzer, B.S.C.E., Valparaiso University, 1960.
- Richard Allan Peterson, B.S., University of Illinois, 1958.
- David Arthur Powell, B.A.Sc., University of British Columbia, Canada, 1963.
- David Edward Pratt, B.B.A., University of Wisconsin, 1964.
- Bernard William Revsine, B.S.C., Roosevelt University, 1956.
- Lawrence Sherwin Revsine, B.S.B.A., Northwestern University, 1963.
- Joel Scott Robertson, B.S., Brigham Young University, 1963.
- Ronald Michael Rodeo, B.S.B.A., Northwestern University, 1961.
- John William Rollins, Jr., B.B.A., Southern Methodist University, 1964.
- Albert Rolnik, B.S.Ch.E., Carnegie Institute of Technology, 1962.
- Gary Wayne Roubinek, B.S.B.A., Illinois Wesleyan University, 1963.
- Patrick Gregg Ruhl, B.A., Amherst College, 1963.
- Larry Dow Russell, B.S.B.A., Northwestern University, 1960.
- Donald James Ryan, Jr., B.A., University of Notre Dame, 1963.
- Ronald Allen Sackheim, B.S., Miami University, 1963.
- John Patrick Sammon, B.A., University of Notre Dame, 1963.
- Glenn Alfrey Sampson, B.S.Ch.E., Stanford University, 1963.
- Frederick Robert Schaeffer, B.S., University of Illinois, 1964.
- Christopher Leigh Schaller, B.S., Tulane University, 1963.
- Frank William Schneider, B.S.E.E., West Virginia University, 1963.
- Richard Gene Schroeder, B. of Educ., Chicago Teachers College, 1960.
- Bobby Ray Sefton, B.S., Millikin University, 1954.
- Richard Anthony Shantz, B.E.E., Marquette University, 1957.
- Elliott Louis Sharpe, B.B.A., Milton College, 1963.
- Robert Douglas Bruce Shelley, B.Com., University of British Columbia, Canada, 1960.
- Norris Franklin Siert, B.A., Dartmouth College, 1963.
- Carl Hedin Smith, B.A., Bowdoin College, 1960.



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Forrest Samuel Smith, B.S., Indiana University, 1961.  
 James Omer Smith, Jr., B.S., Indiana University, 1958.  
 Maurice Sawyer Smith, B.S.E., University of Tennessee, 1959.  
 Ronald Martin Smith, B.S.B.A., Northwestern University, 1964.  
 William Benners Snow, B.S.C., Loyola University, 1955.  
 Vincent John Sobocinski, B.S.Ch.E., Columbia University, 1949.  
 Edward Loren Soderberg, B.S., Oregon State University, 1963.  
 James Spanier, B.S., United States Merchant Marine Academy, 1961.  
 Robert James Spieler, B.S., University of Illinois, 1949.  
 Joseph Charles Splavec, Jr., B.S., Illinois Institute of Technology, 1958.  
 Robert Muir Sproat, Jr., B.A., Beloit College, 1963.  
 Robert Richard Staszak, B.S.I.E., Illinois Institute of Technology, 1951.  
 William Ned Stirlen, B.A., Yale University, 1963.  
 David Alan Stitely, A.B., Allegheny College, 1963.  
 Aloysius Joseph Stryck, Jr., B.S., Saint Joseph's College, 1957.  
 Ray John Teborek, B.S.B.A., Northwestern University, 1964.  
 Frank Joseph Trifilio, A.B., University of Illinois, 1948.  
 Philip Alpard Tuttle, B.A., Rice University, 1963.  
 Colby K. Vernay, B.S.B.A., Northwestern University, 1964.  
 John Neal Vogan, B.S.B.A., Northwestern University, 1964.  
 James Martin Voss, B.S.B.A., Northwestern University, 1964.  
 Gordon Woods Walker, B.A., University of Toronto, Canada, 1963.  
 Ronald Bernard Walters, B.S.B.E., Illinois Institute of Technology, 1960.  
 Jerome John Ward, B.S.B.A., Marquette University, 1964.  
 Gerald Mark Weinberg, B.S.C., DePaul University, 1963.  
 Douglas Steven Werlinich, B.S.B.A., Northwestern University, 1964.  
 David Braddock Whitehurst, B.S.M.E., Purdue University, 1959.  
 James Lee Wilson, B.S., University of Illinois, 1964.  
 James Thomas Winton, B.A., DePauw University, 1961.  
 Edward Dewey Wirth, Jr., B.A., Dartmouth College, 1963.  
 Armin Carl Wissmueller, Jr., B.S.B.A., Northwestern University, 1952.  
 Richard Westlake Worthing, A.B., Stanford University, 1963.  
 Joseph Howard Zoller, B.S.J., Northwestern University, 1963.

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Joel Stewart Adelman	Robert William Dobbins
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Douglas Matthew Auerbach	Carolyn Mary Duppstadt
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Tom Lindsley Banks	Fred Charles Eichmann
William Franklin Banta	Gerald Nicholas Evascu
Charles Waterman Bennett	Robert Dennis Faircloth
Frank Neil Bentkover	Michel Joseph Feldman
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Thomas Richard Brous	Timothy Charles Fiocchi
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Peter Nelson Butenhoff	Franklin Lee Friedman
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Terrence Hayes Coyne	Stuart Marc Goode
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Gordon Bruce Marshall	Henry Griswold Spellman
Daniel Clement Matson	Joseph Theodore Stachura
Don Lee McAvoy	Nicholas Carl Stein
William Edward McGinnis	Steven Roger Stein
Judith Elaine Meador	Fred William Stotlar
Thomas Howard Meeker	John English Straw
Gerald Diamond Mindell	James Raymond Swanson
Helen Marie Moore	Joseph Szczecko
Thomas Robert Mott	George Riley Thurston, Jr.
Dennis Fall Muckerman	Jane Ann Turbeville
George Lawrence Mueller	Ronald Andrew Valentine
Edwin Ary Musselwhite	Henry Charles Vander Voort
Michael Don Muth	Kent Falconer Van Winckel
Edward Jay Nadler	Alan Joseph Verrier
Phillip Abba Nagle	William Arthur Voss
Brian Louis Nahey	William Albert Warren
David George Nasaw	John Goodman Waterbury
Floyd Herbert Nickel	Tom Roger Waymire
Jane Lynn Niemeyer	John William Whaley
Roger Wolfe Norian	Robert Enders Wimbush
John Michael Ochwat	Bruce Alan Winograd
Robert Richard Olson	Gerry Van Wittkamper
Sandra Lee Olson	Lawrence Michael Zeno

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Harold Victor Ahl	Roy Allan Brueggemann
Jose Harold Arango-Rendon	Jerry E. Buck
Yonnie M. Berman	Harriet Mae Burton
Alexander Karl Birkens	Rudy Wayne Caday
Joe Ronald Blackburn	James Wayne Carpenter
Robert Edward Bloch	Brunon Antoni Chudzinski
Joseph James Bomersback	Hugh Burbank Clayton
James Richard Brady	Alexander John Collins

## NORTHWESTERN UNIVERSITY

Charles Frederic Collins  
Harry Edgar Cook  
Gerard Stephen Cossidente  
John William Cunningham  
Dolores Donald Czubakowski  
Roger Earl Dennis  
John Edward Dianis  
Franklin Aloysius Donahue  
Richard John Fell  
Miklos Charles Fertsek  
Douglas Frederick Findling  
Ira Charles Frankel  
Henry Joseph Geneser  
Gerald Seymore Goldstein  
John Joseph Grams  
George Edward Griggs  
Fred John Jordan  
James Bernard Kaminski  
Henry John Kass  
Raymond Jack Kirchwehm  
Arthur William Koepke  
Thaddeus John Kulaga  
Charles Robert Langfeld  
Robert Edwin Lawson  
Jack Edward Licht  
Robert John Lilien

Richard Lee Loftis  
Louis Edward Lowery  
J. Donald Mazouch  
Donald William McGough  
Eugene Francis Mical  
Martin Dale Miller  
Arthur William Omes  
Victor Francis Peo  
Marian Edward Prusek  
Richard Arlen Rejman  
James Allen Richardson, Jr.  
Peter Paul Ried  
Milton Vernon Rietveld  
Ernest James Sampson  
Heidi Sautter  
Howard Arnold Schick  
Robert John Smith  
Clyde Clayton Stukes  
Samuel Charles Susina  
Donald James Walker  
Charles William Waters  
John Joseph Weller  
William Harold Wigstone  
Warren Ray Wille  
Roy Elmer Zarat  
Gerald Joseph Zarmin

## THE MEDILL SCHOOL OF JOURNALISM

*Candidates Presented by* DEAN I. W. COLE

### MASTER OF SCIENCE IN JOURNALISM

George Albert Barbier, Jr., B.A., Pennsylvania State University, 1964.  
James Theodore Berger, A.B., University of Michigan, 1964.  
Johanna Jean Bilbo, B.A., Rollins College, 1961.  
Betsy Louise Bliss, B.S. in Journalism, Northwestern University, 1964.  
Edith Louise Bruce, B.S. in Journalism, Northwestern University, 1964.  
William Thurman Bullard, Jr., B.A., University of Colorado, 1964.  
Anthony Raymond Cardinale, B.A., St. Bonaventure University, 1964.  
Douglas Edwin Carl, B.S. in Journalism, Northwestern University, 1964.  
Richard Edgar Cheverton, B.S. in Journalism, Northwestern University, 1964.  
Liang-Chung Chu, B.A., National Taiwan University, 1961.  
William Douglas Church, B.S. in Journalism, Northwestern University, 1964.  
Frank William Clarke, Jr., B.S., New York University, 1964.  
Vicky Sue Cullen, B.A., University of Nebraska, 1963.  
Jane Marshall Curry, B.S. in Journalism, Northwestern University, 1964.  
Henry Wayne DeZutter, A.B., University of Michigan, 1963.  
Stephen Allen Eisenberg, B.A., Brooklyn College, 1963.  
Jack Dean Ewan, B.S. in Journalism, Northwestern University, 1948.  
Dona Lynn Fagg, A.B., University of North Carolina, 1964.  
Eleanor Marie Fellman, B.S. in Journalism, Northwestern University, 1962.  
Robert Armstrong Fitzmaurice, B.B.A., University of Notre Dame, 1963.  
Arthur Jerome Freeland, B.S. in Journalism, Northwestern University, 1964.  
Edwin Cutting Gage III, B.S.B.A., Northwestern University, 1963.  
David Michael Ginsburgh, A.B., Brandeis University, 1958.  
Sabeeha Sabahat Hameduddin, B.A., Nizam College, India, 1963.

## ONE HUNDRED AND SEVENTH COMMENCEMENT

Edwin Neeley Hinckley, B.S., University of Utah, 1964.  
 Dale Lynn Hofmann, B.S. in Journalism, Northwestern University, 1964.  
 Walter Bruno Jachnig, Jr., B.S. in Journalism, Northwestern University, 1964.  
 Richard Harold Jefferson, B.S. in Journalism, Northwestern University, 1964.  
 Carolyn Jane Kahn, A.B., Mount Holyoke College, 1963.  
 Carol Elizabeth Kramer, B.A., Marquette University, 1962.  
 Vincent Philip LaBarbera, B.A., University of Notre Dame, 1963.  
 Charles Frank Leroux, B.S., University of Wisconsin, 1963.  
 William Vandeven Merriman, B.S. in Education, Ohio State University, 1963.  
 John Whittla Morris, A.B., University of Nebraska, 1964.  
 James Martin Neidorf, A.B., Washington University, 1962.  
 Harvey Leonard Scholnick, B.S., University of Wisconsin, 1959.  
 Dedrich Glen Schumacher, B.S., Southern Illinois University, 1963.  
 Edis Beth Seidman, A.B., Sarah Lawrence College, 1963.  
 Merl Franklin Sellers, B.S. in Journalism, Northwestern University, 1964.  
 Kathryn Smoot, B.A., University of Utah, 1964.  
 Rolland Leonard Stair, C.S.C., B.A., University of Notre Dame, 1955; M.A. in Sacred  
 Doctrine, Holy Cross College, 1959.  
 Patrick Sanford Stalnaker, A.B., San Diego State College, 1964.  
 Norbert John Tatro, Jr., B.A., University of Iowa, 1964.  
 Helen Wentz, A.B., University of Michigan, 1963.  
 Charles Newton Wheeler, B.A., St. Mary's College, 1963.  
 Ann de Esting Wilder, B.A., Elmira College, 1963.  
 George Wendell Willhite, B.S., University of Illinois, 1959.  
 Joanne Zazzaro, A.B., Trinity College, 1963.  
 Stanley Thomas Ziemba, A.B., Marquette University, 1964.

### BACHELOR OF SCIENCE IN JOURNALISM

Nancy Ethel Brunk	Nancy Beth Kessler
Marcia Ann Chambers	Pamela Susan Kohn
David Wade Clark	Charitina Krupka
Robert Brady Cochran	Terry Ann Kuhns
David Jay Coons	Anne Marjorie Kulik
Paul B. Cressor III	Carolyn Ann Langway
Alice Agnes Dicke	Judy Kay Lindheim
Susan Roger Ellis	Paul James Lison, Jr.
Sherwood Allen Faigen	Carol Sachs Lottman
Walter Alexander Forbes	Jeffrey Richard Lyon
Alvin From	Thaddeus Craig Martin
Gail Lynne Furman	Carol Ann Miller
Dean Earl Geiss	Marilyn Kay Moats
Sylvia Ann George	Emerson Daniel Moran, Jr.
Denise Anne Gordon	Lucyann Mueller
Lois Ellen Graessle	Janice Arlene Noreus
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Mary Sue Hastings	Vincent Patrick O'Hern
Thomas Maynard Hillstrom	Phyllis Ann Parks
Mary Ellen Hughes	James Kent Planck
Carol Jones Hulce	Arthur Thomas Quinn
Alice Marie Hunt	Denise Ellen Ray
David Arthur Hurst	James Burke Reiners
Joseph John Huttie	Lynn Roberts
Ann Laird Jarrett	Lorin Ralph Robinson
Susan Brooke Jeffries	Dan Herold Ryder
Roger Blake Judkins	Ronald Robert Schlachter
Barbara Ellis Kackley	Andrea Beth Schlanger
Stephen John Kaye	Marilyn Theresa Schmidt

NORTHWESTERN UNIVERSITY

Sue Sellars  
Thomas Eddy Sellers  
Thomas Craig Simpson, Jr.  
Mary Margaret Skorpinski  
William Sluis, Jr.  
Michael Jason Smith  
Richard Lee Stavins

Edward Howard Steinman  
Martin Foster Stidham  
David Benjamin Sutton  
Philip Thomas Switzer  
Jon Edward von Gunten  
Wyatt Harold Williams, Jr.  
Antoinette Withington

THE SCHOOL OF EDUCATION

*Candidates Presented by* DEAN B. J. CHANDLER

BACHELOR OF SCIENCE IN EDUCATION

Judith Ann Anderson  
Susan Tillman Apfelberg  
Penny Jo Applegate  
Allen Reidar Asker  
Mary Elaine Bagby  
Elizabeth Ann Batts  
Leslie Caroline Bavor  
Bette Ellen Bear  
Barbara Anne Bell  
James Thomas Benda  
Eleanor Anne Bennison  
Natalie June Benziger  
Katherine Anne Biondi  
Jane Carol Birr  
Janet Lippincott Block  
Judith Ann Boak  
Diane Gloria Bonomo  
Penelope Helen Boukidis  
Sharon Lee Brand  
Sherrie Lynn Bronstein  
Rachael Buckman  
George Joseph Bunda  
Linda Jane Burke  
Nancy George Butenhoff  
Emilie Jane Chaddock  
Carolyn Howard Chapin  
Dennis Michael Chrusic  
Catherine Karen Clark  
Elizabeth Janice Clark  
Richard Llewellyn Clarke  
Ann Cleveland  
Beth Ann Conney  
Martha White Cooper  
Nancy Harris Crandall  
Karen Lynne Cray  
Rosemary Ann Crowley  
John Cvercko, Jr.  
Mabel Sara Dash  
Gerald Paul Daugherty  
Donna Derusha Davis  
Susan Davies  
Camille Hunt Dickinson

Marion Pamela Dornfeld  
Johnnye Faye Egnot  
Donald Howard Evans  
Rebecca Sharon Evans  
Marilyn Gove Fisk  
Janet Emiko Fukuroda  
Evelyn Kay Furst  
Gay Colleen Gallagher  
Andrea Gail Ginsberg  
Anita Louise Giurato  
Sarah Ellen Glick  
Mary Horwitt Goldman  
Carol Gloria Gould  
Cathleen Crawford Green  
Faye Gutterman  
Susan Naomi Hait  
Susen F. Hakansson  
Deana Rae Hanson  
Kathleen Anne Healy  
Mary Ferris Hendley  
Sharon Lynne Henriksen  
Barbara Ann Hetler  
Gerald Joseph Hodel  
Mary Elizabeth Hughes  
Marilyn Mae Icke  
Mariko Inouye  
Genevieve Weck Jacobson  
Thomas Daniel Johnson  
Yvonne Patricia Kashian  
Bernadyne Chazdon Kasik  
Barbara Claire Katz  
Kathleen Kelley  
Maryann Margaret Koopman  
Paul Charles Kosin  
Susan Ann Kovic  
Edna White Lafferty  
Barbara Mae Lakin  
Ellen Marie Larrimer  
Richard Stanley Lawton  
Nola Marie Lazzarini  
Janet Mae Lewison  
Mary Kay Loftus



ONE HUNDRED AND SEVENTH COMMENCEMENT

Nancy Hollingsworth Love	Ellen Sue Reiter
Marilyn Elaine Lund	Martin Clare Riessen
Jill Alice Magnusen	Patrick Ray Riley
Sharon Rose Maitland	Valerie Jane Roach
Richard McCauley	Barbara Jane Roby
Mary Clarke McJunkin	Kathleen Mona Roche
Johanna Gates McKelvey	Judith Rachel Rogliano
Patricia Mikaelian	Valerie Louise Rohrsen
Mary Margaret Miles	Lily Cram Rossi
Pamela Antoinette Mills	Sharon Lee Ruda
Gail Elizabeth Minarsini	Mary Anne Ruoff
Joyce Ellen Morgenstern	Christina Marion Ryerson
Lynne Mary Mucha	Candace Anne Sampson
Patricia Adrienne Murphy	Michael Leroy Schwager
Penelope Brown Myers	Phyllis Kaplan Shalowitz
Thomas Welborn Myers	Elizabeth Buttram Simonds
Susan Jane Nelson	Roberta Carol Spangle
Kathryn Ellen Nettleing	Mona Marie Steffen
Naomi May Nishimura	William John Sulzmann, Jr.
Mary Susan Norell	Charlotte Mae Swanson
Merlin Russell Norenberg, Jr.	Margaret Otis Swenson
Ellen Mary O'Connell	Leah Ellen Templeton
John Richard Olson	George Washington Thomas
Marianne Orrok	Susan Brenda Tolkan
Linda Parker	Marcia Beth Topper
Pamela Margaret Paterson	Joanna Shibley Trainer
Hazel Weaver Pensock	Joan Elizabeth Van Bergen
Marcia Claire Peterson	Linda Gay Vandenburgh
Judith Evelyn Pinkerton	Irmgard Kargelein Vragel
Joyce Lynn Postweiler	Karen Lawrence Wanger
Suzanne Amelia Priebe	De Etta Jane Watson
Carol Ann Quisno	Barbara Knapp Webster
Evelyn Torbett Rahn	Kathleen Lauretta Wentorf
Lynne Louise Rappaport	Leon Wright
Janet Grant Rauch	Ferne Diane Yesinick
Donna Lou Reber	Barbara Ann Zien

THE TECHNOLOGICAL INSTITUTE

*Candidates Presented by* DEAN HAROLD B. GOTAAS

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

David Fredric Beinhoff	Fred L. Maves
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Robert Lee Clayton	Richard Walter Rahn
Roderick P. Donaldson	James Michael Redmond
Alfred Foad Hawraney	Fred D. Schwab
Edgar Bernd Klunder	Howard Wayne Smith
Fred John Kuechelmann	John Adams Smith
Peter David Laue	Earl David Wilson
David Allan Linnig	Russell R. Wright
Kentley Allen Loewenstein	



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BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Michael James Daley	Richard Warren Smith
Larry E. Davis	Samuel Albert Sperry
Karl Douglas Elfers	George E. Stivers
Scott H. Filstrup	Thomas J. Sullivan
Howard Leroy Goode	Nick A. Tomaro, Jr.
Howard Jack Goss, Jr.	William Frederick Tornrose
Joseph Ohiomogben O. Okpaku	Bruce A. Townsend
Charles W. Pflingsten	

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

James Herbert Breuhaas	Edward Andrew Hauschild
Gerald Norman Cederquist	Sherwin Robert Kahn
Bettyjean V. Chidekel	Daniel Carl Kasperski
Robert Stafford Coonrad, Jr.	Edward Frank Kobek
Earl G. DeMare	John E. Oldberg
William Carl Deuchler	Julius Bolarinwa Oso
William Eric Drummond	Robert Harrison Poste
Leonard E. Elliott, Jr.	Gary Raymond Reynolds
John Harold Fricks, Jr.	Ronald Lee Schloemer
Jon Hunter Friedman	Kenneth Richard Steiner
Allen Robert Grahn	Herbert Henry Wald
Laurence Paul Hagan	Jerome Witalka
Fred Howard Harris	Jerry Lee Zook

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Joseph Robert Cada	Jon Arvid Larson
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Rodney Carl Dahlin	Gerald McGough
Lee Alexander Dayton	William Frank Miller
John V. Dixon	Todd William Schmidt
Paul Frederick Du Mont	Grove George Thompson, Jr.
James Owen Edwards	Wayne Norman Tietz
Edmund Clark Grimes	Edward Francis Voboril
J. Randolph Kenny, Jr.	J. Mark Waltz
John Ralph Kenrick	Anthony Norman Zaugh
Albert Lee Kreiling	Wayne Star Zunas
Robert Ellis Lapp	

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Roger Lynn Cole	Roger Ellis Loewenstein
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Edward A. Euler	Jeffrey Scott May
Thomas L. Flosi	Michael John McFerren
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Gregory Hall Smith  
James John Smolen

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Charles Bruce Thumm  
Kenneth Michael Turk  
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THE GRADUATE SCHOOL

Candidates Presented by DEAN ROBERT H. BAKER

DOCTOR OF PHILOSOPHY

*With Titles of Dissertations*

- Ali Abu-Isa, B.Sc., American University of Beirut, 1959; M.Sc., 1961. Chemistry. *Thermodynamic Properties of High Polymers: Polypropylene, Wool, and Polystyrene.*
- Burton Edmund Altman, B.S., University of Illinois, 1951; M.A., Northwestern University, 1956. Education. *An Identification-Classification of Curriculum Planning Positions between 1918-1965.*
- Robert T. Ambrose, B.A., University of California, 1960. Chemistry. *Equilibrium and Kinetic Studies on a Chelating Ion Exchange Resin, Dowex A-1.*
- Marguerite S. Archer, Eq. of Bach., Lycee Delacroix, 1940; M.A., Northwestern University, 1961. Romance Languages. *Vision Poétique de l'Existence dans le Théâtre de Jean Anouilh.*
- Anthony C. Arko, B.S., Illinois Institute of Technology, 1958. Materials Science. *Creep Deformation of Crystals Particularly Phenomena at Liquid Helium Temperatures.*
- David Arthur Armour, A.B., Calvin College, 1959; M.A., Northwestern University, 1960. History. *The Merchants of Albany, New York: 1686-1760.*
- Theodore Harold Askounes Ashford, A.B., Washington University, 1961; M.M., Northwestern University, 1962. *An Investigation of Programmed Instruction in the Fundamentals of Music Theory.*
- Jason Reid Auman, Jr., B.S., Duke University, 1959. Astronomy. *The Early Evolution of a Star of 2 Solar Masses.*
- Edward H. Baker, B.S., Northwestern University, 1958; M.S., University of California, 1963. Civil Engineering. *Dynamic Response of Orthotropic Cylindrical Sandwich Shells under Initial Stress.*
- Norman Robert Baker, B.S., Northeastern University, 1961; M.S., Northwestern University, 1963. Industrial Engineering. *The Influence of Several Organizational Factors on the Idea Generation and Submission Behavior of Industrial Researchers and Technicians.*
- Claude E. Barfield, Jr., B.A., Johns Hopkins University, 1957; M.A., Northwestern University, 1959. History. *The Democratic Party in Congress, 1901-1909.*
- Michael Barkun, B.S.J., Northwestern University, 1960; M.A., 1963. Political Science. *Toward a Theoretical Framework for Decentralized Law.*

NORTHWESTERN UNIVERSITY

- William Frank Beazer, B.A., Brigham Young University, 1954; M.A., Johns Hopkins University, 1961. Economics. *Optimization of Bank Portfolios and Response to Monetary Policy*.
- Barrett Lynn Beer, B.A., DePauw University, 1958; M.A., University of Cincinnati, 1959. History. *John Dudley, Duke of Northumberland; a Biography*.
- Paul Freeman Blankenship, B.A., Lambuth College, 1955; B.D., Vanderbilt University, 1958. Religion. *History of Negotiations for Union between Methodists and Non-Methodists in the United States*.
- Howard Warren Bloomberg, B.S., California Institute of Technology, 1957; M.S., Northwestern University, 1960. Mechanical Engineering. *Relation Between Moment Equations and Kinetic Equation in a Collisionless Plasma*.
- Lionel C. Bohrer, B.S., West Virginia University, 1955; M.S., Northwestern University, 1957. Mechanical Engineering. *Pressure Distribution over an Arbitrary Airfoil Section in Ground Proximity*.
- Bernard Lee Brock, B.A., Illinois State Normal University, 1954; M.A., Northwestern University, 1961. Speech. *A Definition of Four Political Positions and a Description of Their Rhetorical Characteristics*.
- Robert Fabel Broman, B.A., Carleton College, 1961. Chemistry. *Voltammetric Membrane Electrodes—a High Capacity Cation-Exchange Membrane and a Cellulose Acetate Membrane. Dialysis Using Differential Kinetics. Its Application to Analysis of Electrolyte Mixtures*.
- John F. Buoncristiani, B.S., University of Rhode Island, 1959; M.S., Massachusetts Institute of Technology, 1961. Industrial Engineering. *Models for Muscle Contraction at the Molecular Level*.
- Thomas John Burgess, B.S., Northwestern University, 1959; M.A., 1961. Electrical Engineering. *Microwave Faraday Rotation in N-Type Germanium and Silicon in Pulsed High Magnetic Fields*.
- Francis Macomber Butterworth, B.A., Columbia University, 1957. Biology. *The Developmental Genetics of the Mutant APTEROUS (AP) OF DROSOPHILA MELANOGASTER*.
- Virginia Alice Carwell, B.S. in Ed., Eastern Illinois State College, 1954; M.A., Northwestern University, 1955. English. *Serialization and the Fiction of Mrs. Gaskell*.
- Paul Chuang Chuin Chow, B.A., University of California, 1960. Physics. *Relativistic Effects on the Electronic Bond Structure of Compound Semiconductors*.
- James Hal Cone, B.A., Philander Smith College, 1958; B.D., Garrett Theological Seminary, 1961; M.A., Northwestern University, 1963. Religion. *The Doctrine of Man in the Theology of Karl Barth*.
- Charles Edgar Courtney, Jr., A.B., Monmouth College, 1947; B.D., Harvard Divinity School, 1960; M.A., Northwestern University, 1962. Philosophy. *Phenomenology and Theism: Henry Dumery's Proposal*.
- Gary Alan Cox, A.B., Wheaton College, 1958; M.A., 1962. Philosophy of Education. *The Explicit Aims of American Secondary Schools: An Inductive Account and Philosophic Inquiry*.
- Carol Marguerite Crotty, Ph.B., DePaul University, 1938; M.A., 1943. Speech. *A Study of the Language Skills of Thirty-Five Articulatory Defective Secondary School Students and Their Matched Controls*.
- Myron David Curtis, A.B., Wabash College, 1960. Chemistry. *Some Free Radicals Containing Group IV-B Elements*.
- Homer Morrow Dalbey, B.A., Indiana University, 1949; M.S., University of Illinois, 1952. Marketing. *The Use of Regression Analyses in Evaluating Agricultural Promotion Programs, with Special Reference to the Oregon-Washington-California Pear Bureau*.
- Robert John DeAngelis, B.S., Case Institute of Technology, 1956; M.S., Northwestern University, 1961. Materials Science. *The Effects of Shock Deformation on Copper*.
- Rolf A. Deininger, Eq. of bach., Stuttgart Institute of Technology, 1959; M.S., Northwestern University, 1961. Civil Engineering. *Water Quality Management: the Planning of Economically Optimal Pollution Control Systems*.
- Eric V. Denardo, B.S., Princeton University, 1958. Industrial Engineering. *Sequential Decision Processes*.
- Henry Alfred DePhillips, Jr., B.S., Fordham University, 1959. Chemistry. *Ion-Pair Formation in Aqueous Solutions of Amonium Acetate and n-Butylammonium Isobutyrate*.



ONE HUNDRED AND SEVENTH COMMENCEMENT

- Frances Anne Dolan, B.S., University of Minnesota, 1948; M.Ed., Marquette University, 1953. Education. *Personal Qualities and Characteristics Important in the Selection of Undergraduate Staff Members for Women's Residence Halls.*
- Joseph Eugene Doninger, B.S., University of Illinois, 1961; M.S., Northwestern University, 1962. Chemical Engineering. *The Dynamic Behavior of a Packed Liquid Extraction Column.*
- Miriam Lois Douglass, B.A., Oberlin College, 1960. Chemistry. *The Sodium Borohydride Reduction of Organomercuric Salts.*
- Okan Ekiner, B.S., Robert College of Engineering, 1961; M.S., Northwestern University, 1962. Chemical Engineering. *Critical Temperatures and Pressures of Multicomponent Hydrocarbon Systems.*
- Nancy Gaertner Erickson, Ph.B., Northwestern University, 1956. Chemistry. *The Metabolism of Diphenyl Phthalate and Butylbenzyl Phthalate in the Beagle Dog.*
- Nicholas George Eror, Jr., B.E., Yale University, 1959; M.E., 1962. Materials Science. *Electrical Conductivity and Thermogravimetric Studies on CoO, NiO, and MnO.*
- Harry Faier, B.Sc., Sir George Williams University, 1959; Physics. *Meson Decays and the Sigma Hypothesis.*
- Arthur John Fedro, B.A., Northwestern University, 1959. Physics. *Magnetic Behavior of Transition Metals with the Inclusion of Both the Direct and S-D Interactions.*
- Beverly Fields, B.A., Northwestern University, 1939; M.A., 1958. English. *Reality's Dark Dream: A Study of Dejection in Coleridge.*
- Fred Clifford Finlayson, B.S., Brigham Young University, 1958. Mechanical Engineering. *Interaction of Waves in a Viscoelastic Medium with an Elastic Cylinder.*
- John B. Fosse, B.M., University of Wisconsin, 1951; M.M., University of Southern California, 1956. Music. *The Prediction of Teaching Effectiveness: an Investigation of the Relationships among High School Band Contest Ratings, Teacher Characteristics, and School Environmental Factors.*
- Robert Dean Foster, B.S., Purdue University, 1960; M.S., Northwestern University, 1961. Chemical Engineering. *The Non-Interacting Control of Linear Multi-variable Systems.*
- Ralph William Franklin, B.A., University of Puget Sound, 1959; M.A., Northwestern University, 1960. English. *Editing Emily Dickinson.*
- William Sylvan Galler, B.S., Illinois Institute of Technology, 1951; M.S., 1961. Civil Engineering. *Optimization Analysis for Biological Filter-Design.*
- Roger Anthony Geimer, B.A., St. Mary's College, 1954; M.A., Marquette University, 1956. English. *The Life and Works of Thomas Churchyard.*
- Rose Mary Giallombardo, B.A., University of Connecticut, 1958; M.A., Northwestern University, 1960. Sociology. *The Seasonless World: A Study of a Women's Prison.*
- James Keith Graham, B.S., Wayne University, 1948; M.A., 1951. Speech. *A Neurologic and Electroencephalographic Study of Adult Stutterers and Matched Normal Speakers.*
- William R. Groskopf, B.S., Illinois Institute of Technology, 1961. Chemistry. *Studies on the Primary Structure of Hemerythrin from *Golfingia Gouldii*.*
- Arthur Norman Gunderson, B.Ed., Chicago Teachers College, 1950; M.A., Northwestern University, 1954. Speech. *A Linguistic Analysis of the Written Language of the Deaf.*
- Joseph E. Harris, B.A., Howard University, 1952; M.A., 1956. History. *The Kingdom of Fouta Diallon.*
- Stewart M. Harris, B.S., Case Institute of Technology, 1959; M.S., Northwestern University, 1960. Mechanical Engineering. *The Kinetic Equation for a Dilute Gas with Short Range Forces.*
- Gerald E. Hartdagen, A.B., University of Maryland, 1957; M.A., Northwestern University, 1959. History. *The Anglican Vestry in Colonial Maryland.*
- Joanna Lynn Hawkins, B.A., University of Alabama, 1959; M.A., 1960. Speech. *A Study of the Relationship of Point of View to the Structure of THE ALEXANDRIA QUARTET by Lawrence Durrell.*



NORTHWESTERN UNIVERSITY

- Gerard Joseph Heing, A.B., DePaul University, 1950; M.A., 1953. Education. *A Study of Certain Attitudes of Elementary School Teachers Who Have Remained in Two Chicago Public School Districts that Contrast in Pupil Transiency.*
- Willard Wayne Heiser, B.A., University of Nebraska, 1950; M.A., 1952. Geography. *Geographic Aspects of the Establishment and Growth of the European Coal and Steel Community.*
- Robert Wesley Hemwall, B.A., Monmouth College, 1956. Chemistry. *Reactions of Some Vinylic and Allylic Halosulfones.*
- Peter Barrie Herdson, B.Med.Sc., University of Otago (New Zealand), 1956; M.B., 1959. Pathology. *Studies of Fine Structural Changes Induced in Rat Liver by Partial Starvation and by Drug Administration.*
- Charles Frazer Hermann, A.B., DePaul University, 1960. Political Science. *Crises in Foreign Policy-Making: A Simulation of International Politics.*
- Margaret Gladden Hermann, B.A., DePaul University, 1960; M.A., Northwestern University, 1963. Psychology. *Stress, Self-Esteem, and Defensiveness in an Inter-Nation Simulation.*
- Lilla A. Heston, B.S., Northwestern University, 1949; M.A., 1958. Speech. *A Study of Point of View in Three Novels by Henry James: THE SPOILS OF POYNTON, THE WINGS OF THE DOVE, THE GOLDEN BOWL.*
- Richard James Higgins, B.S., Massachusetts Institute of Technology, 1960. Materials Science. *An Experimental Study of the Fermi Surface in Pure Zinc and Dilute Alloys by Means of the de Haas-van Alphen Oscillations in Magnetic Susceptibility.*
- David Sheridan Holmes, B.S., Northern Illinois University, 1961; M.A., Northwestern University, 1964. Psychology. *Activation Level, Conditionability, and Personality.*
- Stephen G. Hoppe, B.S., Northwestern University, 1958; M.S., 1961. Electrical Engineering. *A Least Squares Technique for the Identification of Linear Systems.*
- John Stuart Horner, A.B., Antioch College, 1951; M.A., Kent State University, 1959. Speech. *Cumulation of JND's for Intensity in Normal and Impaired Ears.*
- J. A. Huff, B.M., University of Colorado, 1948; M.M., 1951. Music. *Linear Structures and Their Relation to Style in Selected Compositions by Igor Stravinsky.*
- Robert Cushman Hunt, B.A., Hamilton College, 1956; M.A., University of Chicago, 1959. Anthropology. *An Intellectual History of National Character Studies.*
- George D. Jenkins, Jr., B.A., Whittier College, 1958. Political Science. *Politics in Ibadan.*
- Marlin Leonard Jeschke, B.A., Tabor College, 1954; B.D., Garrett Theological Seminary, 1958. Religion. *Toward an Evangelical Conception of Corrective Church Discipline.*
- John H. Johansen, B.S. in Ed., Northern Illinois University, 1950; M.A., Northwestern University, 1953. Education. *An Investigation of the Relationships between Teachers' Perceptions of Authoritative Influence in Local Curriculum Decision-Making and Curriculum Implementation.*
- Leland Gilbert Johnson, B.A., Augustana College, 1959; M.S., Northwestern University, 1961. Biology. *Studies on Metabolic Variations in Embryonated Chicken Eggs at Several Developmental Stages.*
- Philip Harry Jones, B.A.Sc., University of Toronto, 1958; M.S., Northwestern University, 1963. Civil Engineering. *Studies of the Ecology of the Filamentous Sewage Fungus GEOTRICHUM CANDIDUM.*
- Mary Michael Keefe, B.A., Our Lady of the Lake College, 1951; M.A., Northwestern University, 1957. Speech. *The National Catholic Theatre Conference: Its Aims and Its Achievements.*
- John Howard Keiser, B.S., Eastern Illinois University, 1958; M.A., Northwestern University, 1960. History. *John Fitzpatrick and Profressive Unionism, 1915-1925.*
- Neal Stephen Kenny, B.Met.Engr., Rensselaer Polytechnic Institute, 1958; M.Met.Engr., 1960. Materials Science. *The Optical Absorption of Vanadium Pentoxide.*
- Michael John Langtry Kirby, B.S., Dalhousie University (Nova Scotia), 1961; M.A., 1962. Applied Mathematics. *Generalized Inverses and Chance-Constrained Programming.*
- Carl Fritz Knopp, B.S., Valparaiso University, 1959; M.S., Northwestern University, 1961. Mechanical Engineering. *An Experimental Determination of the Thermal and Electrical Conductivity of Atmospheric Argon Plasma.*

ONE HUNDRED AND SEVENTH COMMENCEMENT

- Jay B. Kopelman, B.S., Rensselaer Polytechnic Institute, 1960. Physics. *The Moderation and Cascade Times of Negative Pions and Negative Kaons in Liquid Helium.*
- Robert Ellsworth Kusch, A.B., Valparaiso University, 1955; M.A., Northwestern University, 1957. English. *Carlyle's View of the Eighteenth Century: Its Development and Artistic Use.*
- Victor J. Lams, Jr., Ph.B., University of Detroit, 1958; M.A., 1960. English. *A Study of the Connoisseur, 1754-1756.*
- Ronald Redvers Lee, B.A., University of Melbourne (Australia), 1956; B.D., Melbourne College of Divinity, 1961. Religion. *Theological Belief as a Dimension of Personality.*
- Irving Liberman, B.S., City College of New York, 1958, M.S., Northwestern University, 1960. Electrical Engineering. *The Doping of Crystals by Ion Bombardment.*
- Donald Frank Livermore, B.S., University of Wisconsin, 1943; M.S., 1950. Mechanical Engineering. *Analyses of Large Deflections in Multiple Degree of Freedom Suspension Systems.*
- Charles John Loner, B.S., Loyola University, 1957. Chemistry. *The Reactions of Hydrocarbons with Deuterium on Chromium Oxide Gel.*
- Burton H. Marcus, B.A., Queen's College, 1956; M.A., Syracuse University, 1957. Marketing. *Market and Product Differentiation of Selected Magazines.*
- G. P. Mathur, B.S., University of Bombay (India), 1961; M.S., Northwestern University, 1962. Chemical Engineering. *Initial Rate Approach to the Kinetics of Heterogeneous Catalytic Reactions.*
- Noel D. Matkin, B.A., University of Wichita, 1954; M.A., Northwestern University, 1959. Speech. *Audiological Patterns Characterizing Hearing Impairments Due to Rh Incompatibility.*
- Ronald Edward Matschke, B.S., Northwestern University, 1955; M.S., 1957. Chemical Engineering. *The Prediction of Vapor-Liquid Equilibrium Behavior for Multi-component Aliphatic Hydrocarbon Systems.*
- Charles Benes Maurer, B.A., University of Michigan, 1954; M.A., Northwestern University, 1958. German. *Gustav Landauer—A Study of His Life and Work.*
- Lola June May, B.S., University of Wisconsin, 1945; M.A., Northwestern University, 1950. Education. *A Statistical Comparison of the Effectiveness of Teaching Per Cent by the Traditional, Ratio, and Discovery Methods.*
- James L. McDonald, B.A., University of Notre Dame, 1958; M.A., Northwestern University, 1959. English. *The Literary Theory of a Modern Man of Letters: The Critical Principles of Allen Tate.*
- James Lee McKelvey, A.B., Oberlin College, 1956; M.A., Northwestern University, 1958. History. *Lord Bute and George III: The Leicester House Years.*
- Doyle George McKinney, B.A., Southwest Missouri State College, 1952; M.A., Northwestern University, 1958. Speech. *A Comparison of the Needs of Successful School Administrators for Oral Communication Theories and Skills with Their Formal Training in Schools of Administrative Education.*
- Donald Gordon Meyer, B.A., Blackburn College, 1956. Economics. *The Impact of Credit Conditions on the Timing of State Capital Expenditures.*
- Dragoslav Mistic, Eq. of bach., University of Ljubljana (Yugoslavia), 1957; M.S., Northwestern University, 1960. Chemical Engineering. *The Thermal Conductivity of Gases at High Pressures.*
- Yunus Esoofbhov Mochala, B.E., University of Bombay (India), 1957; M.S., Illinois Institute of Technology, 1959. Mechanical Engineering. *Free Vibration of a Multi-Degree-of-Freedom System Having Unequal Masses and Nonlinear Springs Subject to Arbitrary Initial Displacements.*
- John Ward Moore, A.B., Franklin and Marshall College, 1961. Chemistry. *Kinetic Studies of the Hydrolysis and Substitution Reactions of Some Labile Metal Acetylacetonates.*
- Marial Meents Muir, B.A., Grinnell College, 1961. Chemistry. *Mechanisms of Reactions of Some Unusual Complexes of Platinum (II).*
- Robert Emmet Mullins, B.S., Iona College, 1958; M.S., University of Notre Dame, 1960. Mathematics. *Some Results on Algebras of Functions.*

NORTHWESTERN UNIVERSITY

- Edgar Herbert Nagel, B.S., Valparaiso University, 1960. Chemistry. *Studies on Operational Amplifier Instrumentation for Electrochemistry with Emphasis on Square Wave Polarography.*
- Joseph Benjamin Naines, Jr., B.S., Northwestern University, 1950; M.S., 1953. Industrial Engineering. *Mathematical Programming: Moderation Functions and the Analog Computer.*
- F. Burton Nelson, B.A., Brown University, 1956; B.D., Yale University, 1960. Religion. *The Ecumenical Movement and the Problem of World Peace.*
- Charles W. Newlin, B.S., Rose Polytechnic Institute, 1947; M.S., Harvard University, 1949. Civil Engineering. *A Laboratory Investigation of Lateral Stresses during One-Dimensional Consolidation.*
- Denzel Allan Nicholson, B.S., Cornell College, 1960. Chemistry. *Compounds Containing Germanium Contiguous to Organic Functional Groups.*
- Samuel Nwankwo Nwabara, B.A., Kansas Wesleyan University, 1959; M.A., Syracuse University, 1960. History. *Iboland: A Study in British Penetration and the Problem of Administration, 1860-1930.*
- Jay Robert Olian, B.A., University of Florida, 1953; M.A., Northwestern University, 1955. Speech. *Ancient Rhetoric and Moral Theory.*
- Wayne O. Olsen, B.S., University of Wisconsin, 1950; M.A., Northwestern University, 1962. Speech. *An Investigation of the Auditory Integration of Energy at Threshold by Normal Ears.*
- Phillip Arthur Ostrand, B.S., University of Illinois, 1959; M.A., Northwestern University, 1962. Mathematics. *Some New Results in the Dimension Theory of Metric Space.*
- G. Kenneth Ostrum, B.S., Wheaton College, 1960. Chemistry. *A Study of the Selectivity of Copper (II) Bromide as a Heterogeneous Brominating Agent for Organic Compounds.*
- Venkatrao K. Pai, B.Ch.E., Institute of Technology (India), 1961; M.S., Northwestern University, 1964. Chemical Engineering. *Film Boiling of Liquid Nitrogen on Porous Surfaces with Vapor Suction.*
- Lewis Palter, B.S., Alfred University, 1948; M.A., Tufts College, 1956. Speech. *The Comedy in the Plays of Sean O'Casey.*
- Jean R. Paris, Licence es Sciences, University of Nancy (France), 1958; M.S., Northwestern University, 1963. Chemical Engineering. *Numerical Analysis of a Packed-Bed Tubular Reactor-Case of a Hot Spot.*
- Phyllis G. Peters, B.A., Michigan State University, 1960; M.A., 1961. Psychology. *A Study of Clinical Judgment: Prediction of Patient Behavior from Projective, Self-Rating, and Behavior Rating Instruments.*
- George Lawrence Peterson, B.S., University of Utah, 1961; M.S., Northwestern University, 1962. Civil Engineering. *Subjective Measures of Housing Quality—an Investigation of Problems of Codification of Subjective Values for Urban Analysis.*
- Robert Charles Petrof, B.S., Northwestern University, 1960; M.S., 1962. Mechanical Engineering. *Thermal Stresses in Rotating Cylinders Heated by Radiation.*
- Carol Anne Purkhiser, B.Ed., Central Washington College, 1961; M.A., Northwestern University, 1963. Speech. *A Comparative Investigation of the Verbal Behavior and Psycholinguistic Abilities of a Group of Hydrocephalic Children and their Matched Controls.*
- Merle Louis Radke, B.S., Concordia Teachers College, 1946; M.A., Wayne State University, 1954. English. *Local Color Fiction in Middle Western Magazines, 1865-1900.*
- Walid Hasan Rimawi, B.S., University of Michigan, 1956; M.S., Northwestern University, 1957. Civil Engineering. *Extended Theorems of Limit Analysis.*
- Karl Arthur Robert, B.A., Valparaiso University, 1957; M.A., Northwestern University, 1958. Geography. *A Geographic Survey of the Chicago Water Diversion Controversy.*
- Raymond Eiji Sakumoto, B.A., University of Hawaii, 1955; M.A., 1957. Sociology. *Social Areas of Honolulu: a Study of the Ethnic Dimension in an Urban Social Structure.*
- Marshall Jordan Sarnat, B.A., Hebrew University, 1955; M.B.A., Northwestern University, 1957. Finance. *Saving and Investment through Retirement Funds in Israel: A Case Study of Pre-Emptive Savings and Their Investment under Conditions of Inflation.*



ONE HUNDRED AND SEVENTH COMMENCEMENT

- Gilbert Thompson Satterly, Jr., B.S., Wayne State University, 1952; M.S., 1961. Civil Engineering. *Spacing of Interchanges and Grade Separations on Urban Freeways.*
- William Huck Saulley, Jr., B.S., Tulane University, 1959; M.S., 1961. Psychology. *An Analysis of Cues in Serial Learning.*
- Frederick George Schappell, B.S., Franklin and Marshall College, 1960. Chemistry. *Part I. Skeletal Rearrangement Accompanying the Reaction of 2-Phenyl-1-Propanol 1-Phenyl-2-Propanol and 2-Phenyl-1-C<sup>14</sup> With Brominating and Chlorinating Reagents. Part II. Dehydrations of the Four Isomers of 1-Decalol over Alumina Catalysts.*
- Lester Buryl Scherer, A.B., Harvard University, 1954; B.D., Garrett Theological Seminary, 1958. Religion. *Ezekiel Cooper, 1763-1847, an early American Methodist Leader.*
- Bernard B. Schiff, B.Sc., McGill University, 1960; M.S., Northwestern University, 1964. Psychology. *The Effects of Various Tegmental Lesions on the Motivational Properties of Saccharin, Novel Stimuli, and Mild Light.*
- Melvin Lewis Schwartz, B.A., New York University, 1959; M.A., Northwestern University, 1963. Psychology. *Validity, Reliability, and Error Prediction in Clinical Judgments of C-V-S Protocols as a Function of Amount of Material and Diagnostic Category.*
- Allen J. Scott, B.A., Oxford University, 1961; M.A., Northwestern University, 1963. Geography. *Analyses of the South African Energy Economy.*
- Carl Clifford St. Pierre, B.A.Sc., Assumption University, 1961; M.A.Sc., 1962. Chemical Engineering. *Frequency Response Analysis of Steam Voids to Sinusoidal Power Modulation in a Thin Walled Boiling Water Coolant Channel.*
- Keith Henry Stephen, B.A., Wabash College, 1959. Chemistry. *An Investigation of the TRANS Effect and Anchimeric Assistance in Some Platinum (II) Complexes.*
- Frederick A. Struve III, B.A., Rutgers University, 1959; M.S., Northwestern University, 1962. Psychology. *Classical Cardiac Conditioning with Process and Reactive Schizophrenics and Normals.*
- Robert J. Sydiskis, B.A., University of Bridgeport, 1961. Microbiology. *A Herpes Simplex Skin Infection in Mice.*
- Carol G. Thomas, A.B., Carleton College, 1960; M.A., Northwestern University, 1961. Classics. *Early Greek Kingship.*
- Neil Alfred Thorburn, B.A., University of Connecticut, 1957; M.A., 1959. History. *Brand Whitlock: An Intellectual Biography.*
- Ronald John Vernon, B.S., Northwestern University, 1959; M.S., 1961. Electrical Engineering. *The Free Carrier Magneto-Microwave Kerr Effect in Semiconductors.*
- Lillian Kass Vittenson, B.M., American Conservatory of Music, 1946; M.A., Northwestern University, 1963. Education. *The Sources of Identification and Choice of Role Models by Selected White and Non-White College Students.*
- Joseph Wandel, Eq. of bach., University of Cologne (Germany), 1950; M.A., Marquette University, 1958. German. *Rilke und die Maler.*
- Lester Albert Wanninger, Jr., B.S., University of Minnesota, 1959; M.S., Northwestern University, 1961. Chemical Engineering. *Dynamic Optimization: An Extension of the Direct Method of Lyapunov.*
- Martin Stephen Weinberg, B.A., St. Lawrence University, 1960; M.A., University of Massachusetts, 1961. Sociology. *Sex, Modesty, and Deviants.*
- Walter J. Weller, B.A., Northwestern University, 1959; M.S., 1962. Astronomy. *Velocity Ellipsoids of Bright Main Sequence Stars, Based on Space Velocities.*
- William Allen Welsh, B.S., Northwestern University, 1961; M.A., 1962. Political Science. *Intellectuals and Politics in Eastern Europe: The Bulgarian Academy of Sciences as a Case Study.*
- Elizabeth Frances Wheeler, B.Ed., National College of Education, 1936; M.A., Northwestern University, 1951. Education. *Social Class Differences in Maternal Expectations and Perceptions of School, prior to School Entrance of First Child.*
- Robert George Wolfson, B.S., Massachusetts Institute of Technology, 1954; M.S., Northwestern University, 1960. Materials Science. *Precipitation in NaCl-KCl Mixed Crystals.*
- Sherman H. Wu, B.S., Northwestern University, 1961; M.S., 1963. Electrical Engineering. *Stability Analysis of Nonlinear Pulse Modulated Feedback Control Systems.*



## NORTHWESTERN UNIVERSITY

### DOCTOR OF EDUCATION

- Raymond Edward Hendee, B.A., Wheaton College, 1953; M.A., Northwestern University, 1957. Education. *The Effect of Value Orientations on the Accuracy of Predicting Administrative Behavior.*
- Larry Harold Miller, B.S., Oshkosh State College, 1952; M.A., Northwestern University, 1958. Education. *An Investigation of Children's Understanding of the Meanings and Operations in Arithmetic: School District Number 65, Evanston, Illinois.*
- Glenn Evaristus Waterloo, B.A., DePaul University, 1944; M.Ed., 1955. Education. *An Analysis of Secondary School Guidance Programs in Seventeen Illinois Counties with Special Reference to the Value of the Assistance Provided by the State Department of Guidance Services.*

### MASTER OF ARTS

- C. Sue Ackerman, B.A., Central Michigan University, 1959. Religion.
- Beverly Garver Adams, B.A., University of California, 1954. French.
- Augustus John Addico, B.A., Phillips University, 1963. Anthropology.
- Lawrence Richard Alschuler, B.A., Wesleyan University, 1963. Political Science.
- Charles Phillip Anderson, B.S., University of Wisconsin, 1959. History.
- Sandra Mosher Anderson, A.B., Duke University, 1964. German.
- John Harris Andrews, B.A., Birmingham-Southern College, 1960; B.D., Garrett Theological Seminary, 1963. Religion.
- William Dennis Appler, B.A., Northwestern University, 1963. History.
- Frank Henry Argelander, B.A., Baldwin-Wallace College, 1944; B.D., Garrett Theological Seminary, 1949. Religion.
- Charles H. Baer, B.A., Pennsylvania State University, 1963. Political Science.
- Lynn Baier, B.A., University of Vermont, 1964. Speech.
- James Clark Batts, B.F.A., Drake University, 1963. Speech.
- Robert E. Bell, A.B., Augustana College, 1964. History.
- John D. Bennett, Ph.B., Northwestern University, 1959. History.
- Bette Jean Blaney, B.A., Miami University, 1963. English.
- Lenore F. Borzak, A.B., University of Chicago, 1959. English.
- James Philip Bowman, Jr., B.S., University of California, 1963. Speech.
- Heribert Breidenbach, Eq. of Bach., Philos-Theol. Hochsch (Germany), 1957. German.
- Pamela E. Brunzell, B.A., Valparaiso University, 1963. Political Science.
- Douglas Prieur Bwy, A.B., San Diego State College, 1960. Political Science.
- John Nathaniel Cable, B.S., University of New Hampshire, 1964. History.
- George Michael Callaghan, B.A., Kenyon College, 1964. English.
- Sue Ann Carkoski, B.S., University of Nebraska, 1961. Speech.
- Rita Dominga Carrillo, B.A., University of Panama, 1964. Education.
- Patricia Carol Carson, B.M.E., Millikin University, 1962. Religion.
- Arthur Lewis Caso, A.B., University of Notre Dame, 1958; B.S., 1959. English.
- Gretchen H. Cassel, B.A., Kalamazoo College, 1960. History.
- Veronica Sophia Mary Chmura, B.S., College of Education (New Paltz, New York), 1960. Geography.
- Martha Carol Christian, B.A., Michigan State University, 1964. German.
- Lynn Douglas Clauson, B.Ed., Chicago Teachers College, 1962. History.
- George Murray Cohen, A.B., Harvard College, 1964. English.
- Grafton J. Conliffe, B.Sc. in Ed., University of Nebraska, 1961. Spanish.
- Sandra Goudy Cooper, B.A., Northwestern University, 1960. Speech.
- Sharon Diane Copeland, B.S., Northwestern University, 1964. Speech.
- Diane Dobyns Coryell, A.B., Wellesley College, 1955. English.
- Gary Alan Cox, B.A., Wheaton College, 1958; M.A., 1962. Philosophy.
- Patricia Elwell Cox, B.A., Wheaton College, 1961. English.
- Shauneen Ann Cruise, A.B., William and Mary College, 1964. English.
- Gloria Joy Decker, B.S., Michigan State University, 1963. Economics.

ONE HUNDRED AND SEVENTH COMMENCEMENT

- Charles E. Des Enfants, Jr., B.A., University of Illinois, 1958. History.  
 Horace Barnett Dillow, B.A., Parsons College, 1962. Speech.  
 Beverly Ann Dodd, B.S., Bowling Green State University, 1951. Education.  
 Walter Francis Donlan, A.B., Harvard College, 1956. Classics.  
 Thomas R. Dorfman, B.A., Carleton College, 1962. English.  
 Margaret Hendrick Dowd, B.A., DePauw University, 1963. French.  
 Mary Alice Doyle, Ph.B., University of Detroit, 1960. Speech.  
 Paul A. Egger, B.A., Lewis and Clark College, 1952; M.B.A., Stanford University, 1954. Economics.  
 Synnöve Anita Erson, B.S., Northwestern University, 1964. Speech.  
 Rollin Jonathan Fairbanks, Jr., B.A., Cornell University, 1961. English.  
 Joellyn Feiman, B.S., Northwestern University, 1964. Speech.  
 William R. Ferris, Jr., B.A., Davidson College, 1964. English.  
 Rita Madonna Finnegan, Ph.B., Northwestern University, 1963. Education.  
 Enid R. Ayodele Forde, B.A., Leeds University (England), 1957. Geography.  
 Lynne M. Fox, Northwestern University, 1964. Speech.  
 Sandra Lynn Frankel, B.S., Newcomb College of Tulane University, 1963. Speech.  
 Margaret Gertrude Franson, A.B., Rosary College, 1961. History.  
 Emily England Frazier, B.A., University of North Carolina, 1962. English.  
 Virginia Fries Frazier, B.S. in Ed., Northwest Missouri State College, 1953. English.  
 Judith Ann Fribley, B.S. in Ed., University of Illinois, 1959. Education.  
 Lillia Lynn Friedman, B.A., Mills College, 1955. Mathematics.  
 Doretta Ann Fuhs, B.A., St. Olaf College, 1953. Religion.  
 Roger L. Funk, A.B., Huntington College, 1962. Philosophy.  
 Kathleen Malone Galvin, B.S., Fordham University, 1964. Speech.  
 Amelia Gaza, B.S., University of Illinois, 1955. Education.  
 Susan Geiger, B.A., Carleton College, 1961. History.  
 Earl R. Genzel, B.S. in Ed., Concordia Teachers College, 1964. Speech.  
 Gail Elayne Gersh, B.A., University of Wisconsin, 1963. Education.  
 Salvatore Paul Giarrizzo, B.A., DePaul University, 1958. Spanish.  
 Carolyn Ann Gilbert, B.S., Ithaca College, 1964. Speech.  
 Claire W. Gilbert, B.A., Northwestern University, 1962. Sociology.  
 Allen Randall Gilmore, B.A., Western Maryland College, 1959; B.D., Garrett Theological Seminary, 1962. Religion.  
 Andrew Joshua Gold, B.B.A., City College of the City of New York, 1962. Economics.  
 Herbert Alan Golden, B.S., Northwestern University, 1964. Speech.  
 Laura Dailey Goosby, B.S., Central College, 1959. Education.  
 Irene Elizabeth Gorman, B.A., Stanford University, 1963. History.  
 Diane L. Gottheil, B.A., University of Illinois, 1964. Political Science.  
 Barbara Ann Grebliunas, B.S., Marquette University, 1964. Speech.  
 Michael James Greenwood, B.S., DePaul University, 1962. Economics.  
 Ralph George Greinke, B.S. in Ed., Concordia Teachers College, 1960. History.  
 Anne Witherspoon Grim, B.A., Goucher College, 1946. Education.  
 Joseph W. Hafenschler, B.S., DePaul University, 1955. Political Science.  
 David Frederick Haight, B.A., Stanford University, 1963. Philosophy.  
 Daniel Patrick Harmon, A.B., Loyola University, 1962. Classics.  
 Ann A. Harsh, B.A., Cornell College, 1961. Education.  
 Joan Harvey, B.S., University of Wisconsin, 1956. Education.  
 Teresa R. Hassenger, B.A., Marquette University, 1951. History.  
 Carol Helmstetter, B.A., Valparaiso University, 1963. English.  
 Eva Helwing, B.A., North Park College, 1962. History.  
 Karen Nielsen Hennig, B.S., Northwestern University, 1963. Speech.  
 Dale Susan Brown Herron, B.S., Northwestern University, 1962. English.  
 Karin Irene Hertel, B.A., Beloit College, 1962. Art.  
 Patty Sue Hileman, B.A., Iowa Wesleyan College, 1962. Speech.  
 Mary Ann Pahmeier Hinkle, B.S., Taylor University, 1957. Education.  
 A. Clarke Hobbie, Jr., B.A., Williams College, 1963. Speech.  
 Elaine Hoffman, B.A., Northwestern University, 1956. Education.  
 William George Holzberger, Ph.B., Northwestern University, 1960. Philosophy.  
 Douglas Wayne Huenergardt, B.A., Pacific Union College, 1963. Speech.

NORTHWESTERN UNIVERSITY

- Melvyn Evans Huff, B.S., Northwestern University, 1963. Mathematics.  
 Darlene Kent Hultgren, B.Ed., National College of Education, 1943. Education.  
 Peter Humenik, B.A., University of Manitoba (Canada), 1963. Speech.  
 Joy N. Humes, B.S., Northwestern University, 1952. French.  
 Richard Ward Hutson, B.A., Northwestern University, 1963. French.  
 Karen Louise Jensen, B.A., Michigan State University, 1964. History.  
 James Boyd Johnson, A.B., Columbia University, 1964. Political Science.  
 Mildred Esther Jones, B.S., Florida State University, 1956. Religion.  
 Kenneth Leo Kartz, B.S., Northwestern University, 1963. Geography.  
 Joann Wheeler Kealinihomoku, B.S., Northwestern University, 1955. Anthropology.  
 Jay Huntley Kenesson III, B.A., Southwestern University, 1963. History.  
 Sarah G. Kenyon, B.A., Hunter College, 1935. Education.  
 Roberta Marie Keyworth, B.A., St. Mary's College, 1964. English.  
 Jacqueline Kimel, B.S., Northwestern University, 1962. Speech.  
 Eugenia A. Kizior, B.S., Loyola University, 1961. Education.  
 Barbara L. Klein, B.S., Miami University, 1960. Education.  
 Michael Arnold Klein, B.A., Northwestern University, 1962. Economics.  
 Stanley Whitehouse Klores, B.A., Northwestern University, 1964. Classics.  
 Lynn Charles Knutson, B.A., Elmhurst College, 1963. Art.  
 Janice M. Laeding, B.A., University of Michigan, 1964. Speech.  
 Frances Anne Leary, B.A., Smith College, 1964. History.  
 Yvonne C. Leong, B.A., Humboldt State College, 1964. Speech.  
 Dorothy Thompson Letsinger, B.A., Indiana University, 1943. History.  
 Robert Mitchell Levin, B.S., Massachusetts Institute of Technology, 1963. Political Science.  
 Barbara Caroline Lewis, B.A., Smith College, 1964. Political Science.  
 George Anfosso Lewis, Jr., B.A., Southwestern University, 1949; B.D., Duke University, 1952. Religion.  
 Gloria Jane Lewis, B.S., University of Illinois, 1950. Education.  
 Helen Day Lockwood, B.A., Northwestern University, 1936. Religion.  
 Paul W. Loomis, B.A., Yale University, 1960. English.  
 Barbara G. Malling, B.A., Stanford University, 1962. History.  
 George E. Marcus, A.B., Columbia University, 1964. Political Science.  
 Norman Charles Martin, A.S.T.C., University of New South Wales, 1958. Mathematics.  
 Theodore Desmond Mason, B.A., St. Joseph College, 1963. Education.  
 Charles Frederick Mayer, B.A., Elmhurst College, 1956; B.D., Garrett Theological Seminary, 1960. Religion.  
 Joanne Elizabeth Mayes, B.A., Park College, 1961. English.  
 Patricia McClean, A.B., Mundelein College, 1964. Speech.  
 Robert Emmett McGill, Ph.B., University of Detroit, 1963. Speech.  
 William Leach McKinney, A.B., Harvard College, 1963. Speech.  
 Jewell Ann McLaurin, B.S., Northern Illinois University, 1951. Education.  
 Neil V. McNeil, B.A., George Washington University, 1948. History.  
 Daniel Bruce McNickle, B.A., University of Puget Sound, 1961. History.  
 John Mark Messer, B.A., Chapman College, 1962. Sociology.  
 Ann Elizabeth Messick, B.A., Middlebury College, 1964. Education.  
 Anita Miller, B.A., Roosevelt University, 1948. English.  
 Mary Katherine Mills, B.A., Pennsylvania State University, 1963. History.  
 Leonard W. Modder, B. Ed., Chicago Teachers College, 1956. Education.  
 Richard S. Mogavero, B.A., Colgate University, 1964. Speech.  
 Lewis Wilkinson Mondy, B.A., Texas Christian University, 1962. Psychology.  
 Donald V. Morano, B.A., St. John's Seminary, 1956. Philosophy.  
 Frances M. Morris, A.B., University of Georgia, 1959. English.  
 Bruce John Morrison, B.S., Wayne State University, 1963. Psychology.  
 Daryoosh Movasseghi, B.S., University of Tehran, 1959. Mathematics.  
 Edward John Mullen, Jr., B.A., West Virginia Wesleyan University, 1964. Spanish.  
 Oliver Musuka, B.A., Morningside College, 1964. History.  
 Sheldon Nagel, B.Ed., Chicago Teachers College, 1960. History.  
 Helen Hart Nelson, Ph.B., University of Chicago, 1934. Education.  
 Nancy Newlin Neumann, B.S., University of Wisconsin, 1962. Mathematics.



ONE HUNDRED AND SEVENTH COMMENCEMENT

- Richard Charles Noble, B.Ed., Illinois State Normal University, 1936. Speech.  
 Linda R. Novack, B.A., University of California, 1963. Speech.  
 Amelia De Leon Oracion, B.A., Philippine Christian College, 1961. Religion.  
 Naomi Roth Otterbein, A.B., Carthage College, 1942. Education.  
 Janet Fehm Owen, A.B., Catholic University of America, 1948. Speech.  
 Donald A. Paluch, B.S., Carthage College, 1958. Education.  
 Joel C. Parrott, B.A., Cornell College, 1961. Religion.  
 John Ralph Pearson, B.A., Trinity College, 1964. English.  
 Bernard Pekelder, A.B., Calvin College, 1944; Th.B., Calvin Seminary, 1947. Religion.  
 Penelope Susan Pierce, B.S., University of Wisconsin, 1960. Education.  
 Joseph C. Pilot, B.A., Xavier University, 1953; M.A., Loyola University, 1958. Speech.  
 Ronald Lee Podeschi, B.A., Northwestern University, 1955; M.A., University of Illinois, 1959. Philosophy.  
 Thomas Malcolm Pool, A.B., Hope College, 1964. German.  
 Ronald Kocher Poulsen, B.A., Earlham College, 1961. Economics.  
 Warren James Prunella, B.A., University of Buffalo, 1963. Economics.  
 Robert C. Puth, B.A., Carleton College, 1958. Economics.  
 Frank J. Pytlik, B.A., University of Illinois, 1953. History.  
 Jay E. Raphael, B.A., Brooklyn College, 1964. Speech.  
 Michael Laurence Ray, B.S.J., Northwestern University, 1961; M.S.J., 1962. Psychology.  
 Donna Rae Raymer, B.S., University of Illinois, 1951. Education.  
 Glendon Ennes Rayson, A.B., University of Rochester, 1939; M.S., University of Illinois, 1948. English.  
 David E. Rhca, B.A., Augustana College, 1959. Philosophy of Education.  
 Donus D. Roberts, B.S., Southern State College, 1959. Speech.  
 Lois Smethurst Roc, B.Ed., Northern Illinois University, 1939. Art.  
 Judith Susan Rosenbaum, B.S., Syracuse University, 1964. Speech.  
 Marc Howard Ross, B.A., University of Pennsylvania, 1964. Political Science.  
 Randolph Gordon Rothey, A.B., University of Utah, 1963. German.  
 James Thomas Rudolph, B.A., Wheaton College, 1962. Education.  
 Nancy Ellen Rueter, B.S., Northwestern University, 1964. Speech.  
 Nathan P. Runge, B.S., Beloit College, 1936. Education.  
 Norma Jean Sanders, B.S. in Ed., Ohio University, 1963. English.  
 Walter Ernest Sanders, B.A., Colgate University, 1963. English.  
 Ray Doyle Satterlee, B.S., Elmhurst College, 1959. History.  
 Robert Caesar Scharff, A.B., University of Illinois, 1961. Philosophy.  
 Margaret M. Schauer, B.A., College of St. Francis, 1963. History.  
 John Robert Schcin, Jr., B.A., Michigan State University, 1963. Geography.  
 Elaine Marian Schneiderman, B.S., Northwestern University, 1959. Art.  
 Carole Seifer, B.S., Northwestern University, 1953. Speech.  
 Nancy Florence Seyfried, B.A., Northwestern University, 1964. Mathematics.  
 John Kares Smith, B.S., Northwestern University, 1964. Speech.  
 Dennis Allen Snider, B.S., Northwestern University, 1959. History.  
 Reuben Joseph Snow, B.A., University of Utah, 1962; M.A., 1964. Political Science.  
 Raymond W. Snyder, B.S. in Ed., Eastern Illinois University, 1952. History.  
 Susan Ross Steingass, B.A., Denison University, 1963. English.  
 James W. Sterling, B.A., Michigan State University, 1952. Education.  
 Maureen Thrall Sullivan, A.B., Smith College, 1962. Economics.  
 Phyllis A. Sullivan, B.S., Central Michigan University, 1958. Education.  
 George Richard Syring, B.A., University of Cincinnati, 1963. Geography.  
 Shin-sheng Tai, B.S., National Taiwan University, 1960. Mathematics.  
 Wayne Howard Talley, B.A., University of Dubuque, 1954. Religion.  
 George Arthur Tate, B.A., Clark College, 1927; B.D., Gammon Theological Seminary, 1950. Religion.  
 Sally Gray Thurnau, B.S., Northwestern University, 1959. Speech.  
 Nani Inaba Tiberi, B.A., Beloit College, 1964. Education.  
 Harry C. Trumfio, B.S., Loyola University, 1963. Education.  
 Louise O. Underwood, B.A., University of Iowa, 1934. English.



## NORTHWESTERN UNIVERSITY

Octavie Wilson van Amerongen, B.A., Tulane University, 1953. History.  
John L. Vidovich, B.A., Ohio Wesleyan University, 1956. Economics.  
Michele Vishny, B.S., Northwestern University, 1954. Art.  
Margaret Ruth Walker, B.S., Northwestern University, 1960. Speech.  
Susan Dee Weiss, B.A., Northwestern University, 1962. Sociology.  
Maurice Burton Wells, B.A., University of Utah, 1964. German.  
Jane Eleanor Wetton, B.S.J., Northwestern University, 1963. French.  
Anthony Parks Wilson, B.A., University of Colorado, 1963. History.  
Thomas Nelson Winter, B.A., Michigan State University, 1964. Classics.  
Dorothy M. Worzella, B.S., Northwestern University, 1964. Speech.  
Donald Roy Yehling, B.A., Wheaton College, 1948. Philosophy.  
Georgia Craig Zummer, B.A., Grinnell College, 1955. Education.

### MASTER OF ARTS IN TEACHING

Elizabeth Kraft Berman, B.A., Northwestern University, 1963. Education.  
John R. Schauer, B.A., St. Norbert College, 1963. Education.  
Arpie Soukiasian, B.A., Northwestern University, 1962. Education.  
Marilyn Joyce Wehrman, B.A., DePauw University, 1963. Education.  
Richard Alan Weinberg, B.S., University of Wisconsin, 1964. Education.

### MASTER OF SCIENCE

Alan Lee Acker, B.S., Illinois Institute of Technology, 1963. Mechanical Engineering.  
Kenneth Charles Afferton, B.S., The Cooper Union, 1963. Civil Engineering.  
Mahmoud El Sharif Agabein, B.S., University of Khartoum, 1963. Civil Engineering.  
Robert McLean Aiken, B.S., Northwestern University, 1963. Industrial Engineering.  
Kenning M. Anderson, B.S., Northwestern University, 1964; M.D., 1956. Medicine.  
David T. Attwood, B.S., Hofstra University, 1963. Mechanical Engineering.  
Oded Ben-Dov, B.Sc., Howard University, 1963. Electrical Engineering.  
Fredric H. Bennion, D.M.D., University of Oregon, 1961. Dentistry.  
Pijush Kanti Bhattacharyya, B.Sc., University of Calcutta, 1957. Chemistry.  
Sidney Jack Blatt, B.S., Illinois Institute of Technology, 1964. Bio-Medical Engineering.  
Robert Arthur Blesch, B.S., Valparaiso University, 1959. Mechanical Engineering.  
Robert Alan Blickenstaff, B.S., Princeton University, 1963. Chemical Engineering.  
Nix O'Brien Bodden, B.S., University of Texas, 1963. Chemical Engineering.  
Edward Endre Bodor, M.S., University of Budapest, 1941. Biochemistry.  
James Martin Boyle, B.S., Northwestern University, 1964. Mathematics.  
Carol Ann Broman, B.A., Northwestern University, 1961. Chemistry.  
Johann Hermann Buhr, B.S., University of Cape Town (South Africa), 1959. Civil Engineering.  
Allan Graham Robert Bullen, B.S., Canterbury University (New Zealand), 1959; M.S., Victoria University (New Zealand), 1962. Civil Engineering.  
William Joseph Butler, B.S., Northeastern University, 1963. Civil Engineering.  
James Gerald Caplan, B.S., University of Chicago, 1962. Astronomy.  
Eric Dungan Carlson, A.B., Washington University, 1950. Astronomy.  
James Herbert Carlson, B.S., Purdue University, 1963. Mechanical Engineering.  
Thomas Joseph Cashman, B.S., Luras College, 1960. Chemistry.  
Charles Joseph Colwell, B.S., Lafayette College, 1963. Chemical Engineering.  
Anthony Geoffrey Coon, B.S., University of Manchester (England), 1961. Civil Engineering.  
William J. Cosgrove, B.S., University of Detroit, 1960; D.D.S., 1960. Dentistry.  
Michael R. Cummings, B.A., St. Mary's College, 1963. Biology.  
Rosser Llewelyn Davies, B.A., Leeds University (England), 1962. Geography.

ONE HUNDRED AND SEVENTH COMMENCEMENT

- William James Davis III, B.A., University of Delaware, 1962. Biology.  
 Janet Lee Demorest, B.A., University of Wyoming, 1963. Biology.  
 Jerome Alfred Denzel, B.S., Missouri School of Mines, 1963. Chemical Engineering.  
 Joseph Vincent DePalma, B.S., University of Dayton, 1963. Chemical Engineering.  
 Marion Gwen DeRuyter, A.B., Hope College, 1962. Biology.  
 John Wagner Dickey, B.S., Lehigh University, 1963. Civil Engineering.  
 John Edward Dickinson, B.S., University of Wisconsin, 1960. Electrical Engineering.  
 Russell Alexander Dixon, Jr., D.D.S., Howard University, 1956. Dentistry.  
 George Domingo, A.B., Spring Hill College, 1960. Electrical Engineering.  
 Mark K. Dougherty, D.D.S., University of Nebraska, 1961. Dentistry.  
 Edward Vincent Dover, A.B., Rockhurst College, 1963. Mathematics.  
 Joseph Smith Drake, B.S., Carnegie Institute of Technology, 1963. Civil Engineering.  
 Daniel Druckman, B.A., Michigan State University, 1961. Psychology.  
 Julian Stanley Eberhardt, B.S., Northwestern University, 1963. Transportation.  
 Robert Ehrlich, B.Ch.E., The Cooper Union, 1962. Chemical Engineering.  
 Howard Ivan Epstein, B.S., The Cooper Union, 1963. Civil Engineering.  
 Daniel Nofziger Fager, B.S., San José State College, 1962. Materials Science.  
 David Ralph Fialkoff, B.C.E., The Cooper Union, 1962. Civil Engineering.  
 William Albert Fox, B.S., Catholic University, 1963. Chemical Engineering.  
 Whai-Sang Fu, B.S., National Taiwan University, 1962. Civil Engineering.  
 Madhav Das Gaiha, B.Tech., Institute of Technology (India), 1962. Industrial Engineering.  
 Gerald Sherwin Glazer, B.S., University of Chicago, 1963. Mathematics.  
 Mari-Anne Gross, B.S., North Dakota State University, 1963. Electrical Engineering.  
 Bakri Mekki Hamad, B.S., University of Khartoum, 1963. Mechanical Engineering.  
 Yahia Hassan Hamid, B.S., University of Khartoum, 1962. Mechanical Engineering.  
 John A. Harrigfeld, D.D.S., Northwestern University, 1959. Dentistry.  
 Lawrence Leland Hayes, B.S., Illinois College, 1962. Clinical Pathology.  
 John Russell Henderson, A.B., Franklin and Marshall College, 1961. Geology.  
 Mata Diane Hilgeson, A.B., Wellesley College, 1961. Physiology.  
 Richard Oscar Hill, Jr., B.S., Trinity College, 1962. Mathematics.  
 Gerald Henry Holzimmer, D.D.S., University of Detroit, 1961. Dentistry.  
 James Myron Hood, B.A., Grinnell College, 1963. Mathematics.  
 Harold E. Howell, B.S., Northwestern University, 1963. Civil Engineering.  
 Robert Bryce Hutchison, B.S., University of Illinois, 1963. Astronomy.  
 R. Douglas Johnson, B.S., Northwestern University, 1962. Nuclear Engineering.  
 Larry Oliver Jones, B.S., University of Minnesota, 1962. Chemical Engineering.  
 Robert A. Kaplan, B.S., Illinois Institute of Technology, 1961. Civil Engineering.  
 Daniel Joseph Kennedy, Jr., A.B., Rockhurst College, 1963. Mathematics.  
 Francis W. Kollett, B.S., Trinity College, 1963. Mathematics.  
 Ernst Krijgers-Janzen, D.M.D., Utrecht State University (The Netherlands), 1957. Dentistry.  
 Charles Kruse, B.S., University of Illinois, 1964. Industrial Engineering.  
 Patrick Chiang-Yu Kung, B.D.S., National Defense Center (Formosa), 1959. Dentistry.  
 Karen Dee Ann Kurvink, B.A., Augustana College, 1963. Biology.  
 Louis Earlyon Lamberty, B.S., University of Nebraska, 1963. Chemical Engineering.  
 Higinio C. Laureta, B.S., University of the Philippines, 1959; M.D., 1959. Physiology.  
 John Patrick Layde, B.S., Northwestern University, 1962. Pathology.  
 Donald Robert Lee, B.S., Northwestern University, 1963. Civil Engineering.  
 Swee Khiang Lee, M.D.S., University of Singapore, 1962. Dentistry.  
 Aaron Stephen Litchez, B.S., University of Illinois, 1964. Biology.  
 Allen Lee Litvak, D.D.S., The Ohio State University, 1960. Dentistry.  
 Alejandro V. Lorca, Licenciado, University of Barcelona (Spain), 1961. Transportation.

NORTHWESTERN UNIVERSITY

- Pao-Sun Lu, B.S., Chinese Naval College, 1952. Electrical Engineering.  
 Alan J. Lupa, B.S., Columbia University, 1963. Chemical Engineering.  
 Judith Louise Lynch, B.S., University of Illinois, 1961. Chemistry.  
 Ronald J. Mackley, D.D.S., Northwestern University, 1958. Dentistry.  
 Michael Edward Mahoney, B.S., Carnegie Institute of Technology, 1963. Civil Engineering.  
 Rafael Perez Maramba, B.S., De La Salle College (Manila), 1963. Chemical Engineering.  
 Larry C. McCune, B.Ch.E., University of Cincinnati, 1963. Chemical Engineering.  
 Robert Paul McNergney, B.S., United States Naval Academy, 1958. Transportation.  
 Donald Abram Miller, B.E.E., George Washington University, 1963. Physics.  
 Gerald Lee Moeller, B.S., State University of Iowa, 1962. Industrial Engineering.  
 Sharon Elaine Monahan, B.A., Northwestern University, 1963. Biology.  
 Michael Allen Moses, B.S., Worcester Polytechnic Institute, 1962. Industrial Engineering.  
 Peter P. Nuspl, B.A.Sc., University of Windsor (Canada), 1963. Electrical Engineering.  
 Frank Abel Nussbaum, B.A., University of Washington, 1961. Mathematics.  
 Miljenko Orsic, Eq. of bach., University of Zagreb, 1964. Electrical Engineering.  
 Steven Oshen, B.Ch.E., The Cooper Union, 1963. Chemical Engineering.  
 May Stelma Ostrand, B.A., Carleton College, 1962. Mathematics.  
 Grant William Patton, Jr., B.S., Northwestern University, 1962. Pathology.  
 David S. Perelman, B.E., The Cooper Union, 1964. Civil Engineering.  
 Dennis G. Perkins, B.S., Lamar State College, 1963. Electrical Engineering.  
 Yves-Marie Henri Philardeau, Eq. of bach., University of Nancy (France), 1963. Chemical Engineering.  
 Robert Allen Phillips, B.S., Northwestern University, 1963. Civil Engineering.  
 William M. Pinkerton, B.A.Sc., University of Waterloo (Canada), 1962. Civil Engineering.  
 Bessemarie Lillian Prazak, B.A., Rosary College, 1963. Biology.  
 Edward Prono, Jr., B.S., Harvey Mudd College, 1963. Mechanical Engineering.  
 John William Randall, D.D.S., University of Michigan, 1960. Dentistry.  
 Richard Albert Raub, B.A., Tufts University, 1963. Transportation.  
 Thomas Charles Rochow, B.S., St. Louis University, 1963. Mechanical Engineering.  
 Barry Martin Rosenbaum, B.Ch.E., The Cooper Union, 1963. Chemical Engineering.  
 Richard Martin Rozelle, B.S., University of Wisconsin, 1962. Psychology.  
 Melvyn Lewis Rumerman, B.S., The Cooper Union, 1963. Mechanical Engineering.  
 Tetsunosuke Sakurada, B.S., University of Tokyo, 1959. Industrial Engineering.  
 Buddy Badri Saleeby, B.M.E., The Cooper Union, 1962. Mechanical Engineering.  
 Milo B. Sampson, Jr., B.S.E., Princeton University, 1962. Physics.  
 Paul Drummond Scholz, B.S., University of Washington, 1960. Mechanical Engineering.  
 Alan Michael Schreiber, B.S., New York University, 1963. Transportation.  
 Elaine C. Schroer, B.A., Miami University, 1963. Biology.  
 John Montague Schumpert, B.S., Clemson A. and M. College, 1961. Electrical Engineering.  
 Barry Paul Shay, B.E.E., City College of New York, 1963. Electrical Engineering.  
 Henry Childs Shefelbine, B.S., Harvey Mudd College, 1963. Mechanical Engineering.  
 Mary Louise Shoemaker, B.S., Purdue University, 1936. Biology.  
 Philip C. Singer, B.S., The Cooper Union, 1963. Civil Engineering.  
 Edward John Sinke, A.B., Franklin and Marshall College, 1962. Chemistry.  
 Patricia Anne Smith, B.S., Carson-Newman College, 1958. Biology.  
 Larry E. Stanfel, B.S., Illinois Institute of Technology, 1962. Industrial Engineering.  
 Gerald Charles Stanley, D.D.S., Georgetown University, 1960. Dentistry.  
 George B. Steinvorh-Jimenez, D.M.D., Ruprecht-Karl University (Germany), 1961. Dentistry.

ONE HUNDRED AND SEVENTH COMMENCEMENT

- Chin-teh Sun, B.S., National Taiwan University, 1962. Theoretical and Applied Mechanics.
- Ronald Algot Swanson, B.A., Northwestern University, 1964. Mathematics.
- John Jenks Thomas, B.A., Williams College, 1961. Geology.
- Kenneth Bridger Ullman, B.E., Yale University, 1962. Electrical Engineering.
- Richard Van Mell, A.B., Dartmouth College, 1963; B.E., 1964. Transportation.
- Joseph Garr Vincent, D.D.S., Northwestern University, 1962. Dentistry.
- Martin Wachs, B.C.E., City College of New York, 1963. Civil Engineering.
- Raphael Mbogo Wanguo, B.S., Marquette University, 1963. Chemistry.
- Phillip Brian Weinberg, B.Ch.E., City College of New York, 1963. Chemical Engineering.
- Leonard Harold Weiner, B.S., Illinois Institute of Technology, 1962. Nuclear Engineering.
- Laurence Dale Wiley, B.A., Knox College, 1963. Mathematics.
- Thomas Hewett Williams, B.S., University of Oklahoma, 1958; D.D.S., Northwestern University, 1961. Dentistry.
- John Paul Wilson, B.S., Kansas State University, 1963. Electrical Engineering.
- Paul H. Wittman, B.S., Northwestern University, 1963. Electrical Engineering.
- Merel Gene Wolery, B.S., The College of Idaho, 1963. Biology.
- Max A. Wolfe, A.B., Indiana State College, 1963. Geography.
- Eiichi Yamamoto, B.S., Kobe University (Japan), 1958. Civil Engineering.
- Larry Nelson Zimmerman, D.D.S., Northwestern University, 1963. Dentistry.
- Bettine D. Zizzo, B.S., Loyola University, 1963. Biology.



# THE DIPLOMAS

## THE COLLEGE OF ARTS AND SCIENCES

*Candidates Presented by* DEAN SIMEON E. LELAND

### DIPLOMA IN ARTS AND SCIENCES

Catherine Frances Doyle  
Susan Agnes Graham

Sandra Lydia Grung  
Nancy Ann Schultz

## THE SCHOOL OF DENTISTRY

*Candidates Presented by* DEAN GEORGE W. TEUSCHER

### DIPLOMA AS DENTAL HYGIENIST

Cheryl Anne Ahrberg  
Carolyn Anderson  
Rita J. Anderson  
Linda Badger  
Judith Anne Blackwell  
Kathleen Lorraine Bloniarz  
Janice Elizabeth Brown  
Karen Tina Davis  
Janet Sue Donaldson  
Virginia Dale Edwards  
Ann Louise Ewing  
Roslyn Feldman Green  
Carol Ann Grott  
Mary Ann Healy  
Kathleen Sue Hugin  
Judith Johnston

Dawn Marie Kimball  
Bonnie Suzanne Koukol  
Charlotte Jean Kwic  
Joyce Diane Massett  
Diane Kathleen Mueller  
Barbara Joy Ong  
Mary Helen Parker  
Carole Mary Rossi  
Jacquelyn Kay Roth  
Arlene Claire Silver  
Bonnie Sue Strieter  
Margaret Susan Syversen  
Mara Tess  
Paula Ellen Weinberg  
Sandra Kay Werner  
Peggy Vanderhoff Whitley

## THE SCHOOL OF BUSINESS

*Candidates Presented by* DEAN JOHN A. BARR

### DIPLOMA IN BUSINESS

§John Harry Anderson  
§Don Edward Banks  
§Harry John Boehm  
†Ralph Barton Butz  
†Albert Howard Chesham  
†Victor Harold Conrad  
§Edward John Cooper  
§Franklin David Davis  
§William Ellis Dell  
§John Ernst

§Albert Lawrence Goy  
§Irwin Frank Kanak  
§James Eugene Koopman  
§Joseph Thomas Markowicz  
§Robert James Miller  
§Sophie Minas  
§Joachim Hubert Muehle  
§John James Phelan  
§Audronis Radzwickas

§To receive the Sixty-Hour Diploma in Business

†To receive the Sixty-Hour Diploma in Professional Accounting

ONE HUNDRED AND SEVENTH COMMENCEMENT

§Wayne Herbert Roth  
§Robert Frank Routh  
§John Joseph Russell  
§Hattie Lee Schumaker  
§Joseph Marion Serkowski

§Richard Lyle Sichelle  
§Wayne C. Todd  
§Willard Vander Zee  
§Richard Donald Zielinski

EVANSTON HOSPITAL SCHOOL  
OF NURSING

BACHELOR OF SCIENCE IN NURSING (SCHOOL OF MEDICINE)

Melinda Jane Risius

*Candidates Presented by* DIRECTOR DOROTHY A. JOHNSON

DIPLOMA AS GRADUATE NURSE

Marcia Lynn Anderson  
Rhonda Marline Anderson  
Donna Lee Arbogast  
Barbara Ann Aul  
Joyce Marie Bade  
Carol Brodrick Bardwell  
Edna Mae Beattie  
Henrietta Bender Breit  
Cathy Sue Berg  
Meredith Louise Bertram  
Marjorie Kay Blair  
Joan Beatrice Bleser  
Margery Pauline Brawley  
Gloria Mary Brda  
Marilyn Lea Dancey  
Barbara Jane Davies  
Geraldine Durrell  
Elizabeth Caroline Eckert  
Jean Marie Ellertson  
JoAnn Margaret Endler  
Karen Lee Fick  
Cathleen Misnik Gailey  
Linda Lou Ganz  
Judy Carol Grubbs

Karen Ann Gunter  
Mary Jeanne Henson  
Joyce Ann Hinrichsen  
Nancy Ann Horn  
Wanda Faye Jacob  
Bonnie Lou LoPresto  
Patricia Ann Palmer  
Susan Bernadette Pringle  
Donna Fiduccia Ringelstein  
Melinda Jane Risius  
Gladys Louise Rouse  
Wilma Ethel Rowe  
Geraldine Marie Rowland  
Ruthann Mary Sawyer  
Mary Ellen Simmons  
Phyllis Charolette Spencer  
Sharon Lou Spratt  
Mary Kay Strouf  
Beverly Ellen Stumme  
Karen Judith Tamm  
Leslie Marie Voth  
Karen Maureene Wendell  
Cleanne Wruck

CHICAGO WESLEY MEMORIAL  
HOSPITAL SCHOOL OF NURSING

BACHELOR OF SCIENCE IN NURSING (SCHOOL OF MEDICINE)

Virginia Anne Ade  
Jane DeVenne Amor  
Barbara Elizabeth Belcher  
Alda Jean Birgerson  
Sheryl E. Conzelman Boltz  
Elizabeth Anne Conklin Dvorak  
Barbara Dell Krasny  
Martha Louise Coop Lacey

Loretta Ann Low  
Barbara Ruth Merrell  
Sharon Lee Newling  
Harue Kawano Ozaki  
Gretchen Helen Plantz  
Susan Lynn Schuldt Roos  
Barbara Ann Rueter  
Doris Mac Sandiford

NORTHWESTERN UNIVERSITY

Melanie Ann Schroeder  
Sandra Kay Sissing  
Cynthia Ann Skeel  
Roberta Anne Spark

Nancy Ruth Weber  
Sharon Lucille Wessling  
Nancy Joan Wink

*Candidates Presented by* DIRECTOR VERA E. THOMPSON

DIPLOMA AS GRADUATE NURSE

Virginia Anne Ade  
Jane DeVenne Amor  
June Ellen Anderson  
Barbara Elizabeth Belcher  
Alda Jean Birgerson  
Margaret Jean Bonneville  
Elizabeth Ann Brammer  
Karen Ann Brandt  
Phyllis Ann Brumhead  
Mary Lou Carlson  
Marjorie Lynne Chrysler  
Martha Louise Coop Lacey  
Mary Coulter  
Lorene Altha Courtney  
Lynore Dalia Danielson  
Elizabeth DePuy  
Judith Antoinette DiCarlo  
Anna Lynn DiGiovanni  
Elizabeth Anne Conklin Dvorak  
Barbara Jean Klump Edwards  
Susan Kay Ellis  
Dilys Roberts Finch  
Carol Lee Fishel  
Karen JoAnn Rodeghier Friese  
Theora Jean Ganoe  
Susan Ann Garner  
Ramona Lee Gaynor  
Judith Ann Genoe  
Marcelline Gineris  
Lynn Louise Graham  
Bonnie Marie Gruenholz  
Gay Lynn Gunderson  
Judith Kay Haila  
Margaret Clara Haizmann  
Barbara Jean Hazen  
Barbara Ann Hegstad  
Noellene Ann Heimsoth  
Janet Elizabeth Hoffman  
Mary Diane Janis

Bonnie Lee Johnson  
Carolyn Ann Johnson  
Barbara Ann Jones  
Sherry Lynn Jones  
Jill Kalom  
Barbara Dell Krasny  
Donna Lee Letrich  
Loretta Ann Low  
Susan Ella Markee  
Linda Carol Markwardt  
Sharon Marrily Meister  
Barbara Ruth Merrell  
Deanne Colette Miller  
Nora Grace Nickerson  
Joanne Helen Pinter  
Gretchen Helen Plantz  
Janet Louise Ramer  
Marsha Lynn Roberts  
Susan Lynn Schuldt Roos  
Karen Knepper Rudolf  
Barbara Ann Rueter  
Doris Mae Sandiford  
Melanie Ann Schroeder  
Sandra Kay Sissing  
Cynthia Ann Skeel  
June Ardaleen Smith  
Mary Ellen Smith  
Susan Kay Soukup  
Roberta Anne Spark  
Grace Elaine Tuinstra  
Janet Katharine Wagemann  
Nancy Ruth Weber  
Sharon Leta Wefel  
Sandra Leta Wentz  
Sharon Lucille Wessling  
Linda Ann Wickless  
Nancy Kay Wilkins  
Barbara Jeanne Williamson  
Nancy Joan Wink

PASSAVANT MEMORIAL HOSPITAL  
JAMES WARD THORNE SCHOOL  
OF NURSING

*Candidates Presented by* DIRECTOR EVELYN E. NICHOLSON

BACHELOR OF SCIENCE IN NURSING (SCHOOL OF MEDICINE)

Patricia Helen Entz

ONE HUNDRED AND SEVENTH COMMENCEMENT

DIPLOMA AS GRADUATE NURSE

Marianne Amerise	Judith Marie Lorenz
Nancy Kay Andersen	Barbara Sue Lowe
Georgianna Helen Chlebicki	Ann Clark Mayer
Diane Elizabeth Coopmans	Katherine Sue Mixon
Tenia Rae Dunn	Jinna Lee Norberg
Virginia Lee Falconer	Charlene Ann Reichel
Anne Marie Ghilarducci	Mary Pat Rogers
Ann Therese Greco	Karen Eve Sandberg
Marlene Jean Huether	Mary Lou Schille
Carol Louise Hughes	Joyce Joan Shoppel
Carol Sue Johnson	Susan Alyce Thompson
Dona Christene Jorgensen	Esther Marie Weiss
Gloria Evelyn Klein	Linda Jane Whitson

THE TRAFFIC INSTITUTE

*Candidates Presented by* JAMES M. SLAVIN, *Director*

DIPLOMA IN TRAFFIC POLICE ADMINISTRATION

Maurice J. Bays, Jr.	Joseph S. Koziol, Jr.
Peter Birmingham	Arthur James Latchaw
Charles T. Blaine	Joseph A. Manseau
William J. Breen	David J. Maser
Samuel R. Cannon	Roland Michel
Paul J. Chylak	Raymond D. Moody
Daniel J. Coll	Thomas C. O'Reilly
Nick Danatsko	Patrick J. O'Shea
Yassin Ahmed Darawsheh	London T. Owen
Raymond V. Davis	Warren N. Owsley
James B. Delaney	Delbert E. Peterson
Carl A. Dutzman	Robert S. Pierce
Kenneth E. Fox	C. Les Reynolds
Joseph A. Geiger	Ricardo J. Rojas Zuzunaga
Dalton L. Gilbert	John Sejan, Jr.
Gregory L. Goodson	Raymond J. Skawski
John C. Grentzner	Richard E. Stephens
Perry L. Griffith	William E. Swing
Marion B. Harding	Donald G. Walker
Nasser Ibrahim Jammal	Walter R. Whitelaw
Earl C. Knox	Robert J. Witt
Nicholas Kordilla	



# DEGREES GRANTED

*since June 1964*

Academic Year 1964-65

## MASTER OF LAWS

Poul K. Johannesen, Law Degree, Faculty of Law, University of Copenhagen, Denmark, 1956.

## JURIS DOCTOR

John Stevens Berry  
Thomas Myron Burnham  
Joseph Eugene Duffy  
Samuel Goldman  
Jerome Seymour Gutkin  
Per Kays Hanson  
Edward Paul Knoll

Howard David Lerman  
Harry M. Levy  
Jack Craig Morse  
Michael Alan Nemeroff  
Ronald Alan Pearlman  
Robert Ira Spiegel  
Alan Stuart Takiff

## DOCTOR OF DENTAL SURGERY

Ken Benjamin Teakle  
Charles Gregg White

Larry Dean Wilborn  
Gordon L. K. Wong

## BACHELOR OF SCIENCE IN NURSING

Mary Ann Oliva Johnson  
Jeanette Patricia Keshian

Jacquelyn Elizabeth Haak Murray  
Patricia Ann Nelson

## BACHELOR OF SCIENCE IN PHYSICAL THERAPY

Susan Miller Blount

## COMMISSIONS AS ENSIGN IN THE LINE, U.S. NAVAL RESERVE

Peter Lawrie Findlay

Max Marvin McFarlin

## Summer Session 1964

## BACHELOR OF ARTS

Melanie Sue Adams  
Karen Gail Andreae  
Jane Ann Bardsley  
Geoffrey Loring Belisle  
William John Bishop  
David Thomas Brown  
Audrey Wolff Chanen  
Chandler Durbrow Curlee  
David Kirk Dirlam  
Ann Louise Gough  
Melody Mary Heaps

Christy Mickey Holton  
Dennis Scott Howard  
Jerry Ted Hulce  
Wayne Walter Kappel  
Thomas Grant Kingsland  
Vicky Ann Kreissl  
Joan Karen Laubenstein  
Peter Clarke Lewis  
Wood Van Lewis  
Benjamin Martin Mandra  
Janice Louise Middleton

ONE HUNDRED AND SEVENTH COMMENCEMENT

Keren Elaine Ott  
Ronald Palmer  
William Michael Raike  
Ronald Lee Ramseyer  
Diane Joslyn Reiman  
Sheribel Florence Rothenberg  
Alinda Aila Rusin  
Susanna Mary Samuels  
Andrea Scala  
Joan Catherine Scheminger

David Wary Schroder  
Maureen Ada Seligman  
Peter Vincent Solber  
Kurt Hardin Sorensen  
Susan Mary Sullivan  
Philip Lee Vandrey  
Dace Venters  
Pamela Kay Winters  
John Richard Yane  
John Frank Zajdlik

BACHELOR OF PHILOSOPHY

Gerald Chester Ashe  
Louis Gus Andrews  
June Goodale Ashton  
Zigmantas Cepulkauskas  
La Donna Dorothy Crist  
Peter Paul Dimitrios

Laura Maria Holmquist  
Hersh Hubbs  
Dorothy Groh Jacobsen  
Daniel Lehrfield  
Robert Eugene Shank

BACHELOR OF SCIENCE IN GENERAL EDUCATION

Lowry Henry Hedstrom

DOCTOR OF JURIDICAL SCIENCE

Eric James Edwards, LL.B., University of Western Australia, 1949. *Malice Aforethought.*

MASTER OF LAWS

Joel Murray, LL.B., University of Wisconsin Law School, 1963.  
Marcelo Molins Viaplana, Doctorate in Law, Faculty of Law, Barcelona, Spain, 1963.

JURIS DOCTOR

Anthony Louis Gretick  
Leon Conrad Reivitz

William Henry Utz III

BACHELOR OF SCIENCE IN SPEECH

Cornelia Slemple Burgess  
Donald William Fostle  
Claudia Jean Griesbach  
James Ottice Hines  
Joan Herron Kastel  
Linda Rae Phillips

Lannetta Jeanne Ray  
Linda Elizabeth Raymond  
Erika Fabian Reinstein  
Peter Welsh Schellenbach  
Howard Wayne Schuth  
Ronna Weinstein

MASTER OF MUSIC

Julian Barry Arron, B.M.E., Northwestern University, 1963.  
Kenneth Alexander Bartosz, B.M.E., Northwestern University, 1963.  
Carol Sue Bevier, B.M.E., Central Missouri State College, 1956.  
Margery Michaelis Bonyng, B.M., Cosmopolitan School of Music, 1944.  
Ernest McCarty Brandon, Jr., B.M.E., North Central College, 1962.  
Barbara Johnson Brown, B.M.E., Northwestern University, 1960.  
Marilynn Ekberg Bruffee, B.M., Northwestern University, 1962.  
Carole Hubbard Butler, B.A., Fisk University, 1960.

## NORTHWESTERN UNIVERSITY

Albertha Marie Edwards, B.A., Dillard University, 1959.  
Thomas Byron Gale, B.S., State Teachers College, West Chester, Pennsylvania, 1958.  
Marlynn Eleanor Giese, B.A., Valparaiso University, 1959.  
Anita Louise Jackson, B.M.E., Jackson State College, 1959.  
Nancy Elaine Jacobs, B.A., Simpson College, 1958.  
Joy Kandel, B.M.E., Northwestern University, 1941.  
Otis Dorsey Kitchen, B.S., Bridgewater College, 1953.  
Catherine Miller Lindholm, B.M.E., Northwestern University, 1958.  
Francis Marion Marciniak, B.S., Pennsylvania State Teachers College, 1960.  
Nadya May, A.B., Marshall University, 1963.  
Denis Carmen Moreen, B.M.E., Northwestern University, 1960.  
Janice Fleming Omgiv, B.M., Drake University, 1963.  
Joyce Doreen Panke, B.S. in Ed., Concordia Teachers College, 1960.  
Linda Wagoner Perry, B.M., Northwestern University, 1962.  
Tressa Louise Ponsetto, B.M.E., Northwestern University, 1957.  
Carlene Lona Pratt, B.A., Lawrence College, 1957.  
O. DeLap Premo, B.M., University of Wisconsin, 1954.  
Carol Ann Semmerling, B.A., Knox College, 1961.  
Marylyn Louise Sexton, B.M., DePauw University, 1963.  
Judith Elaine Siegel, B.M.E., Northwestern University, 1963.  
Heuwell Tircuit, Jr., B.M., Louisiana State University, 1954.  
Evelyn Marie Waddell, B.M., Lawrence College, 1953.  
Joyce Ann Yoder, B.S., Manchester College, 1961.

### BACHELOR OF MUSIC

James Anthony Di Pasquale  
Sigrid Stephanie Nau

Lise Carolyn Wilson

### BACHELOR OF MUSIC EDUCATION

Deborah Eddy Buhse

Gwendolyn Ruth White

### MASTER OF BUSINESS ADMINISTRATION

Sally Norris Becker, A.B., Smith College, 1945.  
Ronald John Byron, B.B.A., Northwestern University, 1959.  
William Richard Gorman, B.S.M.E., Purdue University, 1957.  
Thomas Edmund Litzow, B.A., Northwestern University, 1961.  
Thomas Robert Martin, B.A., Northwestern University, 1962.

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

\*Malcolm Douglas Anderson  
John Roger Gibbs  
Ronald Elliot Greenspon  
Roman Gulon  
Harold Keane MacCarthy  
Max Marvin McFarlin

Charles Allan Runser  
Suzanne Hoskins Sullivan  
Thomas Robert Vorbeck  
Scott Adams Wallace  
George Allen Westerholt

### BACHELOR OF BUSINESS ADMINISTRATION

Allen David Brons  
Robert Joseph Gonzalez  
Ralph Roy Krueger  
David Walter Miller  
Charles Ronald Norgle

Donald Herbert Taylor  
Zigmas Toliuis  
Thomas John Valla  
Raymond Francis Zale

*\*With distinction*

ONE HUNDRED AND SEVENTH COMMENCEMENT

MASTER OF SCIENCE IN JOURNALISM

William Fordyce Alenson, B.S. in Journalism, Northwestern University, 1963.  
Ira Harvey Berkow, B.A., Miami University, 1963.  
Albert Morton Crim, Bachelor in General Education, University of Omaha, 1961.  
Joel Robert Feldstein, B.A., Ohio Wesleyan University, 1963.  
Dale Singer Fetherling, A.B., West Virginia University, 1963.  
Thorne Barr Gray, B.A., Cornell University, 1960.  
Joan Banta Hadley, B.A., Mount Holyoke College, 1962.  
Nancy Ann Hardesty, B.A., Wheaton College, 1963.  
James Lamar Huffman, A.B., Marion College, 1963.  
Freeman Jones, B.S. in Education, Alabama State Teachers College, 1947.  
Jack William Martin, B.S. in Education, Illinois State Normal University, 1956.  
Marcel Elmer Pacatte, B.S. in Education, Eastern Illinois University, 1956.  
Michael Dennis Riley, B.S. in Journalism, Northwestern University, 1963.  
Ruth Taylor Scobie, B.S., University of Minnesota, 1944.  
Robert Andrew Signer, B.B.A., City College of New York, 1962.  
Larry Robert Smith, B.S. in Journalism, Northwestern University, 1963.

BACHELOR OF SCIENCE IN JOURNALISM

Marianne Fosse Dimos  
Dale Lynn Hofmann

John Adams Ressinger

BACHELOR OF SCIENCE IN EDUCATION

Robert James Buskas  
Margaret Jane Bitner  
Linda Ann Carter  
Alice Kay Doddridge  
Rosemary Gerber  
Jane Kay Glass  
Paul Louis Jokiel

Jerry Ann Lawrence  
Richard Russel Lopossa  
Robert Arthur Plaskas  
Kay Kaplan Tabin  
Edward Aloysius Tuerk  
Fred William Tuerk  
Joanne Yangas

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Allan Richard Escher

Elmer Henry Guritz

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Jack Nicholas Bezpalec

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Walter Louis Orlandini

David Fredrick Williams

BACHELOR OF SCIENCE IN SCIENCE ENGINEERING

Sheldon Rabin



NORTHWESTERN UNIVERSITY

DOCTOR OF PHILOSOPHY

*With Titles of Dissertations*

- Rose Loretta Abernethy, B.A., College of St. Rose, 1945; M.A., Columbia University, 1946. Speech. *A Study of Existing Practices and Principles of Storytelling for Children in the United States.*
- William Henry Baddley, B.S., University of North Carolina, 1957. Chemistry. *Square Planar Complexes of Palladium (II) and Gold (III): A Synthetic and Kinetic Study.*
- Philip Frank Beach, B.A., University of Washington, 1959; M.A., Northwestern University, 1962. Political Science. *Natural Resources Policy and "The Public Interest."*
- Theodore Lewis Becker, B.A., Rutgers University, 1954; LL.B., 1956; M.A., University of Maryland, 1960. Political Science. *Toward a Working Theory of Judicial Decision-Making.*
- David B. Booth, Ph.B., University of Chicago, 1947; B.S., 1949; M.A., University of Illinois, 1960. Sociology. *Status Consistency and Occupational Mobility.*
- Kenneth Allen Bruffee, B.A., Wesleyan University, 1956; M.A., Northwestern University, 1957. English. *Satan and the Sublime: The Meaning of the Romantic Hero.*
- John F. Byrne, A.B., DePaul University, 1949; M.A., Northwestern University, 1951. English. *The Reader: A Review of Literature, Science, and the Arts, 1863-1867.*
- Emilio Casetti, Eq. of bach., University of Rome, 1950. Geography. *Classificatory and Regional Analysis by Discriminant Iterations.*
- Richard Edward Cauger, B.S., Marquette University, 1954; M.A., Northwestern University, 1956. English. *The Concept of the Puritan in American Literary Criticism, 1890-1932.*
- Chih Shan Chen, B.S., National Taiwan University, 1954; M.A., Florida State University, 1960. Geology. *The Regional Lithostratigraphic Analysis of Paleocene and Eocene Rocks of Florida.*
- Henry Anthony Christopher, B.A., Boston University, 1951. Political Science. *The Political Behavior of the Military in Latin America.*
- Irvin Arnold Cohen, B.A., Boston University, 1960. Chemistry. *A Kinetic Study of the Substitution Reactions of Some Iron Carbonyl Halides.*
- John Ross Cooper, B.A., University of California, 1959; M.A., Northwestern University, 1963. Psychology. *The Need for Approval and the Reaction to Failure.*
- Edward D. Crandall, B.Ch.E., The Cooper Union, 1960; M.S., Northwestern University, 1962. Chemical Engineering. *An Application of Adaptive Control to a Continuous Stirred Tank Reactor.*
- Hugh Mercer Curtler, Jr., B.A., St. John's College, 1959; M.A., Northwestern University, 1962. Philosophy. *Subjectivism, Objectivism, and Certain Tendencies in Current British and American Ethical Theory.*
- James Leslie Davis, A.B., Marshall College, 1957; M.A., 1957. Geography. *The Impact of the Elevated System upon the Growth of the Northern Sector of Chicago.*
- Gretchen Jane Falk, B.A., University of Michigan, 1959. Biological Sciences. *Developmental Genetics of the Mutant TINY of DROSOPHILA MELANOGASTER.*
- Eugene Morris Faugerstrom, B.M., Wheaton College, 1952; M.M., Northwestern University, 1953. Music. *The Dramatic Function of the Chorus in English Oratorio from 1880 to the Present.*
- Robert Michael Feldman, B.A., University of Pittsburgh, 1958; M.A., State University of Iowa, 1961. Speech. *The Effects of Increased Cerebrospinal Fluid Pressure on the Electrical Response of the Cat's Ear.*
- Merrel Dean Flair, B.M.E., Kansas State Teachers College, 1953; M.S., 1954. Education. *The Effect of Grouping on Achievement and Attitudes toward Learning of First Grade Pupils.*
- William Gordon Fleming, A.B., San Diego State College, 1958; M.Sc., London School of Economics, 1960. Political Science. *The District Commissioner and Tribal Administration in Uganda.*

ONE HUNDRED AND SEVENTH COMMENCEMENT

- Nada Frances Fletcher, B.A., Wellesley College, 1957; M.S., Northwestern University, 1959. Biological Sciences. *An Experimental Study of the Venation of LEMNA MINOR L.*
- Lynd Wilks Ferguson, B.A., Baldwin-Wallace College, 1960; M.A., Northwestern University, 1961. Philosophy. *Perception and Justification: A Conceptual Study.*
- Michael James Forrestal, B.S., Illinois Institute of Technology, 1957; M.S., 1959. Civil Engineering. *Dynamic Response and Buckling of Cylindrical Shells Surrounded by or Including Various Media.*
- Bruce H. Frank, B.S., Trinity College, 1960. Chemistry. *Deuterium Exchange Studies of a Model Amide Compound.*
- William L. Frank, B.A., Mississippi Southern College, 1955; M.A., 1957; M.A., Northwestern University, 1958. English. *Catherine Sherwood Bonner: A Critical Biography.*
- David E. Fyffe, B.S., Purdue University, 1950; M.S., 1955. Industrial Engineering. *An Investigation of Some Rectifying Inspection Procedures Based on Probability Ratio Tests.*
- Walter L. Gabler, D.D.S., Northwestern University, 1956. Chemistry. *A Study of the Biochemical Aspects of Pleural Inflammation.*
- Garabet Jacob Gabriel, B.S., St. Louis University, 1956; M.S., Illinois Institute of Technology, 1960. Electrical Engineering. *Approximate Solutions of Guided Waves in Arbitrary Media With Applications.*
- Ronald C. Gallimore, B.A., University of Arizona, 1960; M.A., Northwestern University, 1963. Psychology. *Reduction Styles and Dissonance-Associated Autonomic Activity.*
- Francis Henry Girard, B.S., DePaul University, 1957; M.S., 1959. Chemistry. *The Synthesis and Properties of a Phosphorylated Derivative of Nicotinamide.*
- Raphael Morris Haller, B.A., City College of New York, 1951; M.A., 1952. Speech. *A Comparative Study of the Effect of Background Speech on the Speech Sound Discrimination Performance of Children with Functional Articulation Defects and Children with Normal Articulation.*
- Charles Edward Hamrin, Jr., B.S., Northwestern University, 1956; M.S., 1957. Chemical Engineering. *The Thermal Conductivity of Gases at High Pressures.*
- Garry Arthur Helzer, B.A., Portland State College, 1959; M.A., Northwestern University, 1961. Mathematics. *On Divisibility and Injectivity.*
- William S. Herman, B.S., Portland State College, 1958; M.S., Northwestern University, 1960. Biological Sciences. *A Study of the Brain Neurosecretory Cells and the PROTHORACIC GLANDS OF HYALOPHORA CECROPIA.*
- Michael Man-Kai Ho, B.A.Sc., University of Toronto, 1961; M.A.Sc., 1962. Civil Engineering. *Energy Dissipation in a Cohesive Soil.*
- Robert Louis Hobbs, B.A., Bates College, 1950; M.A., University of Washington, 1954. Speech. *Off-Broadway: The Early Years, 1944-1952.*
- Harry Theodore Horner, Jr., B.A., Northwestern University, 1959; M.S., 1961. Biological Sciences. *A Histochemical and Ultrastructural Study of YUCCA Seed Germination.*
- Judith Ann Hunt, A.B., Pembroke College, 1960; M.A., Northwestern University, 1964. Psychology. *Hippocampal Lesions and Interference with the Memory Trace.*
- Stanley Earl Jones, B.A., State University of Iowa, 1957; M.A., 1962. Speech. *Attitude Changes of Public Speakers during the Investigative and Expressive Stages of Advocacy.*
- Betty Mae Kanable, B.S., Indiana State Teachers College, 1939; M.M., Eastman School of Music, 1948. Music. *An Experimental Study Comparing Programmed Instruction with Classroom Teaching of Sight Singing.*
- Roger Neil Kasten, B.S. in Ed., Bowling Green State University, 1955; M.A., 1956. Speech. *Effects of Azimuth on Monaural and Binaural Speech Discrimination under Conditions Simulating Aided Listening.*
- Lawrence Allan Kennedy, B.M.E., University of Detroit, 1960; M.S., Northwestern University, 1962. Mechanical Engineering. *The Effect of Applied Magnetic Fields on Exothermal Waves.*
- George William Keulks, A.B., Washington University, 1960; M.S., University of Arkansas, 1962. Chemistry. *Competitive Hydrogenations of Various Cycloalkenes on Supported Platinum Catalysts.*

NORTHWESTERN UNIVERSITY

- James Wilhelmsen King, B.A., University of Utah, 1951; M.A., Northwestern University, 1958. Geography. *Nile Transport in Uganda*.
- John C. Kitch, B.A., State University of Iowa, 1954; M.A., Northwestern University, 1955. English. *Dark Laughter: A Study of the Pessimistic Tradition in American Humor*.
- Irvin S. Klaus, B.S., University of Missouri, 1958. Chemistry. *A Study of the Unusual Catalytic Properties of Poly-(N-Vinylimidazole) in the Solvolysis of Charged Esters*.
- Elizabeth Anne Koch, B.S., Mount Union College, 1958. Biological Sciences. *Studies on the FES MUTANT OF DROSOPHILA MELANOGASTER*.
- Allen Edward Koenig, A.B., University of Southern California, 1961; A.M., Stanford University, 1962. Speech. *American Federation of Television and Radio Artists Decision-Making on the Transcription Code*.
- John Benjamin Lewis, B.S., Massachusetts Institute of Technology, 1958. Mathematics. *Invariants of Higher Order G-Structures*.
- Marjorie Jean Lightfoot, B.A., Brown University, 1955; M.A., Northwestern University, 1956. English. *T. S. Eliot's THE COCKTAIL PARTY: An Experiment in Prosodic Description*.
- Tso-jin Lin, B.S., National Taiwan University, 1951; M.S., Northwestern University, 1959. Civil Engineering. *Exact Analysis of Prismatic Shells*.
- Stephen H. Lotterman, A.B., University of California, 1960; A.M., University of Southern California, 1961. Speech. *Perstimulatory Total Persistence and Adaptation at Threshold in Impaired Ears*.
- Denis Martin Manelski, B.S., Syracuse University, 1959. Industrial Engineering. *A Heuristic Approach to Natural Language Processing*.
- Gerald Nachomas McCall, B.S., Florida State University, 1959; M.A., Northwestern University, 1962. Speech. *Study of Certain Somesthetic Sensibilities in a Select Group of Athetoid and Spastic Quadriplegic Persons*.
- William Francis Milbury, B.S., Drexel Institute of Technology, 1961; M.S., Northwestern University, 1963. Civil Engineering. *A Development and Evaluation of a Theoretical Model Describing the Effects of Hydraulic Regime in Continuous Microbial Systems*.
- Donald August Miller, B.S., Northwestern University, 1958; M.S., 1961. Electrical Engineering. *The Propagation of the Quasi-TEM Mode in Ferrite-Filled Coaxial Line*.
- Joseph Stewart Moag, B.A., Loyola University, 1953; M.A., Northwestern University, 1957. English. *Traditional Patterns of Dialogue and Debate in Milton's Poetry*.
- Peter Avrom Orleans, B.A., Antioch College, 1958; M.A., University of Wisconsin, 1961. Sociology. *Partisan and Nonpartisan Politics in the Metropolis: An Analysis of the Social Contexts of Political Participation*.
- Joseph James O'Shea, Ph.B., Marquette University, 1949; M.A., Northwestern University, 1950. Speech. *A History of the English-Speaking Professional Stage in Milwaukee, Wisconsin: 1842-1876*.
- James H. Pickering, B.A., Williams College, 1959; M.A., Northwestern University, 1960. English. *James Fenimore Cooper and the History of New York*.
- Harold David Picton, B.S., Montana State College, 1954; M.S., 1959. Biological Sciences. *The Responses of DROSOPHILA MELANOGASTER to Weak Electromagnetic Fields*.
- Robert Bartholomew Pinter, B.S., Marquette University, 1959; M.S., Northwestern University, 1960. Electrical Engineering. *Study of the Dynamic Properties of the Generator Potential of the LIMULUS Photoreceptor*.
- Kenneth Charles Pollock, B.S., University of Wisconsin, 1957; M.S., 1958. Speech. *A Study of the Cortical Anticipatory Response in Electroencephalographic Audiometry*.
- Herman Porter, B.S., City College of New York, 1953; M.S., University of Wisconsin, 1954. Geography. *Application of Intercity Intervening Opportunity Models to Telephone, Migration, and Highway Traffic Data*.
- Victor Andrada Pulmano, B.S., University of the Philippines, 1960; M.Engr., SEATO Graduate School of Engineering, 1962. Civil Engineering. *Prismatic Shells with Intermediate Columns*.



ONE HUNDRED AND SEVENTH COMMENCEMENT

- Michael Radnor, B.S., University of London, 1956; Eq. of M.S., 1956. Industrial Engineering. *The Control of Research and Development by Top Managers of Large Decentralized Companies.*
- Kenneth Jay Reichstein, B.A., Syracuse University, 1959; M.A., Northwestern University, 1961. Sociology. *The Professional Ethics of Lawyers: A Situational Approach to the Study of Deviation and Control.*
- Anthony Sances, Jr., B.S., American Institute of Engineering, 1953; M.S., DePaul University, 1959. Electrical Engineering. *Effects of Electroneurosis on Evoked Responses in the Brain.*
- William Edward Saul, B.S., Michigan College of Mining and Technology, 1955; M.S., 1956. Civil Engineering. *Analysis of Bilinear Inelastic Structural Systems Subjected to Dynamic Loading.*
- Werner Sichel, B.S., New York University, 1956. Economics. *Fire Insurance: Imperfectly Regulated Collision.*
- James K. Skipper, Jr., B.S., Northern Illinois University, 1956; M.A., Northwestern University, 1960. Sociology. *Role Obligations of Hospitalized Patients: A System Analysis.*
- Warren Frank Smith, B.S., Iowa State College, 1947; M.S., University of Missouri, 1952. Civil Engineering. *Planning Sewer System Augmentations.*
- Don Merle Sparlin, B.S., University of Kansas, 1959. Physics. *The Fermi Surface of Tungsten and Molybdenum by the de Haas-van Alphen Effect.*
- Richard William Stream, B.S., University of Illinois, 1955; M.S., Vanderbilt University, 1960. Speech. *An Investigation of Time-Intensity Function in Meniere's Disease.*
- Willard J. Tabet, D.D.S., Northwestern University, 1958. Chemistry. *A Study of the Penetrability and Post-Eruptive Maturation of Human Dental Enamel.*
- Hubert Vance Taylor, A.B., Lafayette College, 1935; B.M., Westminster Choir College, 1938; B.D., Columbia Theological Seminary, 1946. Speech. *Slavery and the Deliberations of the Presbyterian General Assembly, 1833-1838.*
- Thomas Lawrence Thourson, B.S., Illinois Institute of Technology, 1950; M.S., Northwestern University, 1952. Mechanical Engineering. *High Frequency Conductivity of a Plasma.*
- John Thomas Tredway, A.B., Augustana College, 1957; M.A., University of Illinois, 1958; B.D., Garrett Theological Seminary, 1962. Religion. *Eucharistic Theology in American Protestantism: 1820-1860.*
- Clarence Peter Walhout, A.B., Calvin College, 1955; M.A., University of Michigan, 1956. English. *Religion in the Thought and Fiction of Three Ante-Bellum Southerners: Kennedy, Caruthers, and Simms.*
- David Edward Wallace, B.M., West Virginia University, 1950; M.M., Northwestern University, 1951. Music. *Alberto Ginastera: An Analysis of his Style and Techniques of Composition.*
- John W. Ward, Jr., A.B., Southwestern College, 1950; M.S., Kansas State Teachers College, 1952; B.D., Perkins School of Theology, 1955. Speech. *Effects of Group Discussion on Self-Evaluation of Behavior toward Deviants.*
- William C. Wees, B.A., Northwestern University, 1957; M.A., University of Rochester, 1958. English. *Vorticism: The Movement and Its Meaning.*
- Richard Dean White, B.S., Bradley University, 1943; M.B.A., Northwestern University, 1950. Business. *A Direct Evaluation Procedure Technique for Firms in the Nonrepetitive Type Industries.*
- Laura Ann Wilber, B.S., University of Southern Mississippi, 1955; M.S., Gallaudet College, 1958. Speech. *The Applicability of the Articulation Index for Prediction of Speech Discrimination Scores.*
- James I. Wilkins, B.S., Northern Illinois University, 1958; M.A., Northwestern University, 1960. Sociology. *Doublethink.*
- Shuen Yuan, B.S., National Taiwan University, 1958. Mathematics. *On Amitsur Conomology for Inseparable Fields.*



## NORTHWESTERN UNIVERSITY

### DOCTOR OF EDUCATION

- Mary Aline Callis, B.A., Hanover College, 1943; M.A., Northwestern University, 1950. Education. *Problem Awareness in Childhood.*
- William Walter Joyce, B.A., Lawrence College, 1956; M.A., Northwestern University, 1960. Education. *The Development and Grade Placement of Map and Globe Skills in the Elementary Social Studies Program.*
- Clyde Kenneth Watson, B.Ed., Western Illinois University, 1941; M.A., Northwestern University, 1947. Education. *A Study of the Effects of Student Teaching upon the Attitudes of Prospective Teachers and Interns.*

### MASTER OF ARTS

- Marie Damien Adams, B.A., Avila College, 1960. Speech.
- Susan Elizabeth Aitken, B.S., Northwestern University, 1959. Speech.
- Pamela Weeks Ames, B.A., Knox College, 1957. Mathematics.
- Dennis M. Anderson, B.A., Oberlin College, 1957. Political Science.
- Terry Carpenter Anderson, B.A., Montana State University, 1960. English.
- Mildred Ruth Baker, B.S., Wisconsin State College, 1960. Education.
- Donald Allen Becker, B.A., Northwestern University, 1963. German.
- Carol Ellen Bennett, B.S., Indiana University, 1959. Mathematics.
- Joann Marie Bennett, B.A., Upper Iowa University, 1959. Speech.
- Barbara Hultgren Benson, B.S., Northwestern University, 1960. Education.
- Marie Erickson Beu, B.S., Northwestern University, 1958. Education.
- Joachim K. R. Beug, Eq. of Bach., University of Hamburg, 1963. German.
- Margaret Petersen Bice, B.S., Northwestern University, 1951. Speech.
- E. Robert Bluge, B.S. in Ed., Eastern Illinois University, 1959. Education.
- Marilyn J. Blum, B.S., Northwestern University, 1952. Education.
- Julie Katherine Bock, B.A., Lewis and Clark College, 1964. English.
- Diane Sharon Boris, B.A., Roosevelt University, 1962. Education.
- Roderic Chellis Botts, B.A., Carleton College, 1957. English.
- Jeannette Irene Brunckhorst, B.S., Wisconsin State University, 1940. English.
- Marie Suzanne Buckler, B.A., Fontbonne College, 1957. Speech.
- Irene Bukovsky, B.S., Northern Illinois University, 1961. Education.
- Bonnie Sue Bursuck, B.A., State University of New York, 1963. French.
- Joseph P. Cech, B.S., Indiana University, 1957. Mathematics.
- Edward Louis Cermak, B.S., Illinois State Normal University, 1960. Mathematics.
- Donald R. Chalice, B.A., University of Wisconsin, 1962. Mathematics.
- Robert Morton Coen, B.A., Harvard College, 1961. Economics.
- Barry G. Cole, B.S., University of Pennsylvania, 1961. Speech.
- Matthias Shawn Concannon, A.B., Loyola University, 1961. Geography.
- Sylvia Sherman Creasy, B.S., Denison University, 1960. Mathematics.
- Julian John Dale, B.S., Northwestern University, 1948. Education.
- Cirla Joan Dallos, B.S., Northwestern University, 1963. English.
- Janet Nell Daum, B.A., Lawrence College, 1963. English.
- Catherine Alice Davis, B.S., Northwestern University, 1935. Education.
- John Fred Deethardt II, B.A., Indiana University, 1951. Speech.
- Susan M. Dick, B.A., Western Michigan University, 1963. English.
- George Edward Dickey, B.A., The Johns Hopkins University, 1961. Economics.
- Elizabeth Boswell Fisher Dodds, B.S., Northwestern University, 1963. Speech.
- Kathleen D. Duvall, B.A., Washington University, 1963. Spanish.
- Sara Louise Eddy, B.A., Kansas State University, 1963. Education.
- Lilly Eide, B.S., Northwestern University, 1954. Education.
- Peggy Gordon Elliott, A.B., Transylvania College, 1959. Education.
- Charles P. Ferro, B.Ed., Chicago Teachers College, 1961. Education.
- Nicholas Fintzelberg, B.S., University of Southern California, 1957. Anthropology.
- Bruce A. Flashner, B.A., Dartmouth College, 1960; M.D., Northwestern University, 1964. Speech.
- James J. Friedman, B.A., University of Illinois, 1957. Education.
- Marie Pasqualine Frigo, B.A., Fontbonne College, 1959. Speech.

ONE HUNDRED AND SEVENTH COMMENCEMENT

- Patricia A. Gaides, B.S., University of Illinois, 1963. Education.  
 Merwyn Stephens Garbarino, B.A., University of Colorado, 1950. Anthropology.  
 Phyllis Diane Gembala, B.S., DePaul University, 1963. Education.  
 Henry P. George, B.A., University of Rochester, 1959. English.  
 Phyllis Lenore Williams Giles, B.A., Colorado State College of Education, 1939. Education.  
 Joyce Ann Gillilan, B.M.E., Southern Illinois University, 1958. Religion.  
 Barry Bruce Glashagel, B.A., University of Illinois, 1963. Economics.  
 Barbara Jean Goble, B.A., Nebraska State College, 1960. Speech.  
 Judith Goldstein, B.S., Syracuse University, 1962. Speech.  
 Mordechai S. Goodman, B.S., Roosevelt University, 1961. Mathematics.  
 Mary H. Gould, B.A., Brown University, 1960. Art.  
 Allan E. Granstrom, B.S., Utah State University, 1962. Speech.  
 Lou Virginia Graves, B.A., Talladega College, 1954. Education.  
 Joanne Greenberg, B.S., University of Illinois, 1962. Speech.  
 Susan Joy Grossman, B.A., Washington University, 1963. Political Science.  
 Anthony Larimore Guenther, B.A., Vanderbilt University, 1960. Sociology.  
 Carencay Coker Hanel, B.A., Northwestern University, 1959. History.  
 Jane Elizabeth Hansleben, B.S., Illinois State Normal University, 1945. English.  
 John Rees Harris, A.B., Wheaton College, 1955. Economics.  
 James Howard Hawthorne, B.A., Roberts Wesleyan College, 1959. English.  
 Robert Paul Heerema, A.B., Calvin College, 1960. Philosophy.  
 Jeffrey Alec Helterman, B.A., University of Rochester, 1963. English.  
 Rolf G. H. Henriksson, Eq. of B.S., Stockholm School of Economics, 1961. Economics.  
 Michael Mann Hess, B.S., Northwestern University, 1961. Speech.  
 Cyprian Richard Hibner, B.A., St. Bonaventure University, 1958. Speech.  
 Donald Robert Hill, B.A., Lehigh University, 1961. German.  
 Margaret Johanna Hischke, B.S., University of Wisconsin, 1960. Speech.  
 Florence Lillian Hoover, B.A., Goshen College, 1955. English.  
 Robert Donald Howell, B.A., Wheaton College, 1959. Spanish.  
 Mildred B. Huff, B.S., Northwestern University, 1954. Speech.  
 Sarah Hutchison, B.A., Oberlin College, 1963. Mathematics.  
 Vance Jefferis, B.S., Northwestern University, 1963. Speech.  
 Donald Ray Jenkins, B.S., Illinois State University, 1958. Education.  
 Clarence William Johnson, B.S., Western Illinois University, 1958. Education.  
 Helen Lauriente Johnson, B.S., Northwestern University, 1957. English.  
 Irvin H. Johnson, B.S. in Ed., Taylor University, 1963. Education.  
 Roycealee Ann Johnson, B.S., Northwestern University, 1962. Education.  
 Carol Jean Jonas, B.A., North Park College, 1963. French.  
 R. Lincoln Keiser, B.A., Lawrence College, 1959. Anthropology.  
 Jo Ann Reynolds Kingdon, B.A., University of Florida, 1963. Speech.  
 Ilona Mary Kiraldi, B.A., University of Michigan, 1963. German.  
 Leila Rae Kirkley, B.S. in Ed., Ball State Teachers College, 1963. Speech.  
 Eileen Elizabeth Konecnik, B.A., Carthage College, 1963. Speech.  
 Nancy Rose Kreftmeyer, B.A., Southern Illinois University, 1963. English.  
 Judith Krieger, B.A., Our Lady of the Lake College, 1963. Speech.  
 Albin H. Kwolek, B.S., Central Connecticut College, 1962. Geography.  
 Allan Lindsay Lange, B.S., University of Michigan, 1960. Education.  
 Muriel W. Lange, B.A., Oberlin College, 1959. Mathematics.  
 Lynda Lee Lawson, B.A., Oklahoma City University, 1962. Religion.  
 Charles Ronald Leech, B.S. in Ed., Illinois State University, 1959. English.  
 Mary Ann LeFavour, A.B., Indiana University, 1960. Speech.  
 Harriet Louise Levine, B.S., University of Wisconsin, 1962. Speech.  
 Theda A. Lewis, B.S., Clarion State College, 1958. Education.  
 Kay Carter Lipman, B.S., Northwestern University, 1959. English.  
 Sandra Jean Litster, B.S. in Ed., Illinois State University, 1959. Education.  
 Jerilyn Ann Logemann, B.S., Northwestern University, 1963. Speech.  
 Susan Harriot Longley, B.A., Beloit College, 1963. English.  
 William Raymond Lowery, B.A., Wabash College, 1963. English.  
 Marlene Marcus, B.A., Miami University, 1963. French.  
 Donald T. Marleski, B.A., Northwestern University, 1963. English.

NORTHWESTERN UNIVERSITY

- Brenda Louise Martin, B.S., University of West Virginia, 1963. Education.  
 John Curtis Martin, B.S. in Ed., Illinois State University, 1960. English.  
 Melinda McCullough, B.A., Carleton College, 1963. French.  
 Martin Philip McGowan, B.A., DePaul University, 1955. English.  
 Prudence F. McGraw, B.A., Bradley University, 1958. Education.  
 William Robert McMunn, B.S., Carnegie Institute of Technology, 1963. English.  
 Pamela Jane Middleton, B.A., University of Vermont, 1963. English.  
 Lloyd Howard Miller, B.A., Defiance College, 1962. Education.  
 Shirley Ann Miller, B.S., University of Wisconsin, 1959. English.  
 Jessie Mae Mitchell, B.A., Paine College, 1957. English.  
 Dennis James Moore, B.A., University of Michigan, 1963. English.  
 Donald Robinson Moore, B.S., Northwestern University, 1955. Education.  
 Phyllis Diane Moore, B.S., Central Missouri State College, 1958. Education.  
 Judith Ann Morrison, B.A., University of Arizona, 1963. Speech.  
 JoAnn Joy Morrow, B.S., Northwestern University, 1962. Education.  
 Sharon Aviva Mossman, B.A., Bryn Mawr College, 1963. English.  
 Paul Alden Nelson, B.S. in Ed., Northern Illinois University, 1959. Education.  
 Maureen Martina O'Brien, B.A., Mundelein College, 1963. English.  
 Robert Harold Oglesby, B.A., Northwestern University, 1958. Education.  
 Ted Yukio Okita, B.S., University of Illinois, 1952. Education.  
 Walter Powell Oldendorf, B.A., Stanford University, 1959. Education.  
 Jeanne Olson, B.S., Milwaukee State Teachers College, 1950. Education.  
 Mary Ellen Osborn, B.A., Roosevelt University, 1960. English.  
 Gerald Anthony Parsons, B.A., Monmouth College, 1961. Education.  
 Lorraine Denig Pavelcik, B.S., Marquette University, 1955. Education.  
 Marian A. Pedersen, B.S., University of Wisconsin, 1941. Education.  
 Connie Thompson Pegues, B.A., Miles College, 1951. Education.  
 Joseph McGarity Perry, A.B., Emory University, 1958; M.B.A., Georgia State College, 1961. Economics.  
 Myrna Adrienne Plann, B.S., Northwestern University, 1963. Education.  
 Ronald H. Porzak, B.A., Northwestern University, 1960. Political Science.  
 Kenneth W. Reese, B.S., Western Illinois University, 1961. Education.  
 Maxine Resnick, B.A., Newark State College, 1962. Speech.  
 Don Roper, B.S., Texas Technological College, 1963. Economics.  
 Dennis Stanley Rosen, B.S., University of Illinois, 1963. Education.  
 Irwin Rosen, B.A., University of Illinois, 1960. Education.  
 Martha Rubinstein, B.A., Roosevelt University, 1962. Mathematics.  
 Liela Marilynn Rumbaugh, B.A., Southern Illinois University, 1962. English.  
 Patricia Ann Scherer, B.S., Northwestern University, 1962. Speech.  
 Russell Galen Schuh, B.A., University of Oregon, 1963. French.  
 Eva Schumert, B.A., Roosevelt University, 1960. French.  
 Jean M. Shaw, B.S., Bradley University, 1961. Education.  
 Nancy Louise Sherbondy, B.S., Northwestern University, 1963. Speech.  
 Robert Charles Shermer, B.S., Wheaton College, 1954. Speech.  
 Miriam Davidson Simon, B.S. in Ed., DePaul University, 1946. Education.  
 Thomas Willoughby Smithson, B.A., Northwestern University, 1962. Education.  
 Ronald C. Snyder, B.S., Wisconsin State College, 1959. English.  
 Marla Gay Sonkin, B.A., Brooklyn College, 1964. Speech.  
 Alan Spiegel, B.A., Columbia College, 1960. English.  
 Fredrick Allen Stare, A.B., Harvard College, 1960. Psychology.  
 Carol Simpson Stern, A.B., University of Chicago, 1963. English.  
 Craig Lee Stewart, B.A., North Park College, 1963. Speech.  
 Jean Lee Stewart, B.S., University of Tennessee, 1963. Speech.  
 Margaret Anne Struble, B.A., Brown University, 1962. Psychology.  
 Eugene Donald Tate, B.A., Hamline University, 1958; B.D., Garrett Theological Seminary, 1962. Religion.  
 Frederick Wellington Terry II, B.S., Mansfield State Teachers College, 1956. Mathematics.  
 Harry Tomaras, B.A., Roosevelt University, 1947; M.A., DePaul University, 1951. Speech.  
 Dirk H. van der Elst, B.A., University of Utah, 1960; M.A., 1961. Anthropology.  
 Judith Elisabeth Vetter, B.A., Northwestern University, 1963. English.



## ONE HUNDRED AND SEVENTH COMMENCEMENT

David Henry Vrooman, Jr., A.B., Cornell University, 1959. Economics.  
Gaye Meridee Wallace, B.A., University of Redlands, 1962. Education.  
Lilian Fields Warren, B.A., Virginia Union University, 1938. Education.  
Joann Walker Weese, B.S., University of West Virginia, 1957. Education.  
Ruth Marie Weller, B.A., Oberlin College, 1951. Education.  
Bruce Gardner Wells, B.A., University of Western Ontario, 1960. Education.  
Sue Ann Wilbur, B.S., Central Michigan University, 1963. Speech.  
Mary Carrington Wilson, B.A., University of North Carolina, 1960. English.  
David Jack Witt, B.S., North Park College, 1960. Mathematics.  
Lucinda Louise Young, B.S., Northwestern University, 1963. Speech.  
Joan Y. Yuhas, B.A., University of Hawaii, 1963. Speech.  
Myrtle Harris Zelke, B.Ed., Wisconsin State College, 1935. Education.

### MASTER OF ARTS IN TEACHING

Virginia Baggs, B.A., Cornell College, 1963. Education.  
George John Bakalis, B.A., Lake Forest College, 1963. Education.  
Edithann Berry, B.A., Northwestern University, 1963. Education.  
Kenneth Richard Bjork, B.A., North Park College, 1963. Education.  
Carlotta L. Bogart, B.S., Northwestern University, 1950. Education.  
Kathleen F. Byrne, B.A., Rosemont College, 1961. Education.  
Mary Margaret Emerson, B.A., University of Minnesota, 1961. Education.  
Susan Popky Harris, A.B., Chatham College, 1963. Education.  
Elizabeth Paschal Hull, A.B., Wheaton College, 1963. Education.  
Linda Mohr Iwamoto, B.S., Northwestern University, 1963. Education.  
Stephen Nelson Judy, B.A., Hamilton College, 1963. Education.  
Robert A. Kelso, B.A., Denison University, 1963. Education.  
Judith Anne Kohlhagen, B.A., Smith College, 1963. Education.  
Eleanor D. Kornhaber, A.B., Brooklyn College, 1950. Education.  
William Arthur Leppert, B.A., Princeton University, 1957. Education.  
Doris Stuebe Lindemann, B.S., Northwestern University, 1947. Education.  
Christopher Lucas, B.A., Syracuse University, 1962. Education.  
Jack Dennis Mattox, B.A., University of Notre Dame, 1963. Education.  
Kathleen Mattox, B.A., DePauw University, 1963. Education.  
Susan Putman Maxwell, B.A., Manhattanville College of the Sacred Heart, 1963.  
Education.  
Kirk B. Miller, B.S., Purdue University, 1962. Education.  
Elizabeth Moffett, B.A., DePauw University, 1963. Education.  
Donald Stuart Monroe, B.A., Lake Forest College, 1961. Education.  
Anne Susen Morris, B.A., Northwestern University, 1960; M.S., 1963. Education.  
Edith Fienning Morris, B.A., University of Michigan, 1963. Education.  
James Walter Nelson, B.S., University of Wisconsin, 1963. Education.  
Mary Linda Nord, B.A., University of Chicago, 1963. Education.  
Naomi Novak, B.A., Roosevelt University, 1962. Education.  
Donald Robert Orr, B.A., Northwestern University, 1960. Education.  
Gordon Bruce Poley, B.S., Valparaiso University, 1963. Education.  
Gerald P. Ponasik, B.A., Carleton College, 1963. Education.  
Carol Ann Price, B.A., Connecticut College, 1963. Education.  
Mary Ann Putera, B.S., Loyola University, 1963. Education.  
Ronald Alvin Raedeke, B.A., Wheaton College, 1961. Education.  
Nan Savanna Riley, B.A., DePauw University, 1963. Education.  
Elizabeth Alice Sadler, B.A., University of Colorado, 1963. Education.  
Dorothea G. Schultz, B.A., University of Kansas, 1962. Education.  
Joann Yoder Smith, B.A., Goshen College, 1963. Education.  
Mary Parsons Steinbach, B.A., Swarthmore College, 1963. Education.  
Elizabeth Aden Stiehm, B.S., University of Wisconsin, 1963. Education.  
Laura Hope Swisher, B.A., Northwestern University, 1963. Education.  
Barbara Mae Taylor, B.A., College of Wooster, 1963. Education.  
Judith Ann Westlund, B.A., Northwestern University, 1963. Education.



NORTHWESTERN UNIVERSITY

MASTER OF SCIENCE

- Wallace Hayward Baker, B.S., Brigham Young University, 1963. Civil Engineering.  
 Rita Marie Bentley, B.S., Bates College, 1960. Biological Sciences.  
 Ronald Ritchie Benz, B.A., Indiana Central College, 1960. Mathematics.  
 A. Victor Cabot, Jr., B.S., University of Miami, 1962. Industrial Engineering.  
 Kuo-Lung Cheng, B.S., Chun-kung University, 1961. Civil Engineering.  
 Ijya Butalid Clarin, B.S., Mapua Institute of Technology, 1960. Chemistry.  
 Brian Geoffrey Cleland, B.E., University of New South Wales (Australia), 1960. Electrical Engineering.  
 John Arthur Connor, B.S., University of Missouri, 1963. Electrical Engineering.  
 John Rudolph Cotner, B.S., Northwestern University, 1963. Materials Science.  
 David A. Dixon, B.S., Northwestern University, 1963. Civil Engineering.  
 John J. Eichholz, B.S., University of Illinois, 1950. Electrical Engineering.  
 Helmut Pavlovich Epp, Mathematics.  
 Robert Allan Felder, B.S., Marquette University, 1963. Civil Engineering.  
 William Arthur Gessler, B.S., Rensselaer Polytechnic Institute, 1963. Civil Engineering.  
 Philip Terry Gibson, B.S., Colorado State University, 1963. Mechanical Engineering.  
 Thomas A. Gladney, B.S., University of Toronto, 1963. Industrial Engineering.  
 Barry Adams Green, B.A., Pomona College, 1962. Nuclear Engineering.  
 Rolf G. Gruber, D.D.S., Loyola University, 1954. Dentistry.  
 Paul Robert Harris, B.S., Georgia Institute of Technology, 1963. Chemical Engineering.  
 Nausherwan Hasan, B.S., University of Karachi (Pakistan), 1962. Civil Engineering.  
 Rudolf Karl Dietrich Haussmann, B.S., University of Toronto, 1963. Industrial Engineering.  
 Nelson Bryon Hazeltine, B.S., University of Toledo, 1963. Industrial Engineering.  
 David Robert Heiman, B.S., Washington University, 1962. Industrial Engineering.  
 Vera Elizabeth Hollis, B.S. in Ed., Greenville College, 1959. Mathematics.  
 Saul Allen Honigstein, A.B., Cornell University, 1962. Chemistry.  
 James Michael Horner, B.A., Knox College, 1961; B.S., Columbia University, 1963. Civil Engineering.  
 Koji Hosomi, B.S., Osaka University (Japan), 1962. Materials Science.  
 William F. Hug, B.S., University of Notre Dame, 1961. Mechanical Engineering.  
 Shayna Janet Johnson, B.A., Northwestern University, 1960. Biological Sciences.  
 Michael L. Kelley, B.S., University of Toledo, 1960. Physics.  
 David William Knudson, B.A., Luther College, 1961. Mathematics.  
 John William Kolet, B.S., Fournier Institute of Technology, 1954. Electrical Engineering.  
 John F. Kottas, B.S., Purdue University, 1962. Industrial Engineering.  
 William Ervin Lewis, B.E.S., The Johns Hopkins University, 1962. Industrial Engineering.  
 Eugene Ligtenberg, B.S., University of South Dakota, 1962. Industrial Engineering.  
 Arthur J. Link, B.S., City College of New York, 1961. Geology.  
 Arnoldo R. Masters, B.S., University of Panama, 1956. Biological Sciences.  
 Thomas McGannon, B.Ed., Chicago Teachers College, 1961. Mathematics.  
 Kenneth W. McMahon, B.S., Northwestern University, 1963. Industrial Engineering.  
 Samuel B. McMaster, B.S., Northwestern University, 1956. Industrial Engineering.  
 Jean Grant Meyer, B.A., Sweet Briar College, 1963. Biological Sciences.  
 Kamran Mokhtarian, B.S., Fenn College, 1963. Civil Engineering.  
 Ute J. Moll, Eq. of Bach., J. W. Goeth University (Frankfort/Main), 1963. Psychology.  
 Francis Moran, B.Sc., University of Glasgow, 1952; B.M., 1954. Medicine.  
 José Nicolau, Eq. of D.D.S., University of Sao Paulo, 1960. Biochemistry.  
 Jean-Marie Etienne Nolf, B.S., University of Ghent (Belgium), 1963. Electrical Engineering.  
 Paul Francis Nora, M.D., Loyola University, 1952. Surgery.  
 Allan Carl Oesterreich, B.S. in Ed., Concordia Teachers College, 1959. Chemistry.

## ONE HUNDRED AND SEVENTH COMMENCEMENT

- David Frederick Ollis, B.S., California Institute of Technology, 1963. Chemical Engineering.
- Jacqueline Patzelt, B.A., Kalamazoo College, 1963. Biological Sciences.
- Margaret Mae Hermanek Peaslee, B.S., Florida Southern College, 1959. Biological Sciences.
- Orrin Martel Peterson, B.S., Northern Illinois University, 1959. Chemistry.
- Louis John Petrovic, B.S., Case Institute of Technology, 1962. Chemical Engineering.
- Marshall Rafal, B.S., The Cooper Union, 1963. Chemical Engineering.
- Robert Frederick Ridders, B.A., Grinnell College, 1961. Industrial Engineering.
- Suzanne C. Rotta, B.S., Loyola University, 1963. Mathematics.
- Linda Lewis Saffer, B.S., University of Rochester, 1963. Biological Sciences.
- Ira F. Salkin, B.A., Northwestern University, 1963. Biological Sciences.
- Kathleen Charlotte Salter, B.S., University of Detroit, 1963. Mathematics.
- Paul Hamilton Schwartz, B.S., Columbia University, 1963. Civil Engineering.
- Mikayel Semerciyan, B.S., Robert College (Turkey), 1960; M.S., 1961. Mathematics.
- George P. Sendekyj, B.S., The Cooper Union, 1963. Mechanical Engineering.
- Kiran Kumar Shah, B.Ch.E., University of Bombay (India), 1962. Chemical Engineering.
- C. Kent Smith, B.A., Northwestern University, 1960; M.D., 1963. Neurology.
- Joseph William Spickler, B.S., Northwestern University, 1962. Electrical Engineering.
- Robert J. Stern, B.S., The Cooper Union, 1963. Mechanical Engineering.
- Theodore Andrew Struve, B.S., Northwestern University, 1957. Industrial Engineering.
- James Anthony Supina, B.S., University of Detroit, 1963. Mechanical Engineering.
- Tatsuo Takahashi, B. Engr., University of Tokyo, 1958. Materials Science.
- Thomas A. Tamblyn, B.S., University of Detroit, 1963. Civil Engineering.
- Kenneth Floyd Tempero, B.S., University of Nebraska, 1961. Pharmacology.
- Hariharan Veeramani, B.Ch.E., University of Bombay (India), 1963. Chemical Engineering.
- Janice Howard Webb, B.A., North Park College, 1963. Biological Sciences.
- Sharon Anne Wotovich, A.B., Bradley University, 1960. Mathematics.

## DIPLOMA IN BUSINESS

Paul Ward Cain  
Walter Hans Kiesel  
Joseph Richard Merkel

Donald Albert Secker  
Robert Hugh Winkels

# PRIZES AND HONORS

## ALL-UNIVERSITY PRIZES

THE JOHN B. KIRK PRIZES IN ORATORY: Mary J. Venovich (first), John H. Stassen, Jr. (second), Ronald L. Hays (third)

MILTON S. FLORSHEIM PRIZES FOR DEBATE: Robert H. Chandler, Michael L. Denger, Jerome E. Egel, Fred T. Plog III, William E. Snyder, Brenton N. Ver Ploeg

CUMNOCK DEBATE PRIZES: Martin R. Galbut, Thomas A. Harris, Garry G. Mathiason, John F. Ritter, David H. Zarefsky

AGNESS LAW DEBATE PRIZE: Dixie Moore

NORTHERN ORATORICAL LEAGUE CONTEST: Mary J. Venovich

## HARDY SCHOLARS

### *In the Graduating Class—School of Law*

George Warterfield Dahnke, 1962-65

(3 years)

Chairman, Julius H. Miner Moot Court Board

Michael Irwin Lew, 1964-65

(1 year)

Managing Editor, Northwestern University

*Law Review*

Jack Craig Morse, 1962-65

(3 years)

Robert George Weber, 1964-65

(1 year)

Editor-in-Chief, Northwestern University

*Law Review*

### *In the Graduating Class—Undergraduate*

Jerome E. Egel

Four Year Scholar

Varsity Debate, four years

Florsheim Debate Award

Cumnock Debate Prize

Delta Sigma Rho

Paul G. Werskey

Four Year Scholar

Varsity Debate, four years

Florsheim Debate Award

Cumnock Debate Prize

Delta Sigma Rho

### *Clarion DeWitt Hardy Scholars in School*

#### *Undergraduate*

Robert H. Chandler

Michael L. Denger

Martin R. Galbut

Allan E. Goodman

Thomas A. Harris

Garry G. Mathiason

Stephen E. Morgan

Fred T. Plog III

John F. Ritter

William E. Snyder

#### *School of Law*

George William Fahlgren

Charles Lee House

Harry Jonathan Pearce

William Martin Pfeiffer

Howard Charles Pizer

Harry Elbert Youtt III

Sheldon Alter Zabel

Sherwin Stanley Zeitlin

ONE HUNDRED AND SEVENTH COMMENCEMENT

THE COLLEGE OF ARTS AND SCIENCES

BONBRIGHT SCHOLARSHIP: Ruth Ellen Rubin

JAMES SCHOLARSHIP: Penny Gill Martin

HEARST SCHOLARSHIP: John Edward Burchard

MARCY SCHOLARSHIP: Marsha Deborah Schwartz

SARETT SCHOLARSHIP: William Moss Bonner

PHI BETA KAPPA

*Class of 1965*

Ruth Rubin Adler	*Robert Scott Mecklenburg
James Robert Andreas	Judith Anne Miller
Katharine Ray Arenson	Mary Matteson Mohr
Barbara Anne Babcock	Kermit Wonders Moyer
*William Moss Bonner	John Erland Olson
John Edward Burchard	Ellen Marie Piller
Linda LuVerne Chalfant	Jeffrey Thomas Price
Michael Davis	*Anton Heinz Richter
Janet Edith Fack	Burton Marshall Rubenstein
Joann Clare Findlay	*Allan Earle Schultz
Patricia Jo Finney	*Marsha Deborah Schwartz
Susan Levine Fuhrman	Richard Jay Siegel
Robert Edwin Ganja	*Donn Scott Smith
John Mathias Gaunt	William Lewis Speizman
Richard McLean Glass	Dieter Konrad Sprang-Sabiers
Elizabeth Harvey	Barbara Savitt Steiger
Arthur Carl Holmberg	*Susan Clancey Swigert
Marion Carol Johnson	Richard Frederick Thieme
Alvin Louis Kruse	William George Tonkin
*Elizabeth Schuyler Livingston	Thomas Knox Trelogan
Nadine Charlotte Luporini	Judith Lynne Weed
Mark Aram Malkas	Paul Gary Wersky
*Penny Gill Martin	Paula Joy Winkler
Barbara Ann Mears	David Samuel Zee

*Class of 1966*

Thomas Edward Buess	Cliff Gregory Russell
Anne Marie Chenault	Harold Matthew Spinka, Jr.
Elizabeth Ann Fisher	William John Stull
Alice Lister Hoffman	Thomas William Wicks
Charles Demosthenes Kanakis, Jr.	

ALPHA SIGMA LAMBDA

Patrica Anne Conrow	Audrey Kramen Gordon
Gertrude Doederlein	Zorka Gibanica Manyin
Gareth Golay	Howard Andes Weine

J. SCOTT CLARK PRIZE: Lawrence W. Brody

CHI OMEGA SOCIAL SCIENCE AWARD: Penny Gill Martin

FARICY AWARD FOR POETRY: Michael J. Smith

NATIONAL LEAGUE OF AMERICAN PEN WOMEN AWARD: Nancy E. Brunk

SHUMAN SCHOLARSHIPS: Thomas K. Nash, Dennis B. Fradin, Robert M. Ricketts, Vicki A. Beck

*\*Elected during junior year*



NORTHWESTERN UNIVERSITY

August 1964

BACHELOR OF ARTS

*Degree Awarded With Highest Distinction*

Susanna Mary Samuels

DEPARTMENTAL HONORS

ENGLISH

Sheribel Florence Rothenberg

THE SCHOOL OF MEDICINE

LESLIE BRAINARD AREY (PHI BETA PI) AWARD: Robert Charles McGann

FREDERICK H. RAWSON, JR. SCHOLARSHIP: Henry Joseph Ruder

PHI RHO SIGMA AWARD: Douglas Walter Soderdahl

ALPHA OMEGA ALPHA

Charles Marshall Brown  
Thomas Clarence Brown  
Robert Emil Bunata  
Frederic David Burg  
Leonard J. Comess  
Philip Eugene Cryer  
William Walter Daniel, Jr.  
Kenneth Earl DeHaven  
Thomas Stewart Dina  
Jack Arthur Freidland  
John Peter Hinterkopf

James Raymond McAninch  
David Ronson McConahay  
Howard Louis Melam  
Marvin M. Mitchell  
Marvin Anton Perer  
Robert Allan Ratcheson  
George Michael Ruby  
Chester Yoshio Sakura, Jr.  
Douglas Walter Soderdahl  
George Dubar Wilner

THE SCHOOL OF LAW

JULIUS H. MINER MOOT COURT COMPETITION: Dennis Patrick Ryan and Lois Boberski (Winning Team); Dennis Patrick Ryan (Best Oral Argument); David W. Ruttenberg and David Glickstein (Best Brief)

LOWDEN-WIGMORE COMPETITION: Watson Billopp Tucker III (first); Michael Irwin Lew (second)

WIGMORE KEY: Thomas Zander Hayward, Jr.

ORDER OF THE COIF

Martin Kenneth Blonder  
John Chestnut  
Stuart Duhl  
Arthur Baur Harris  
Edward Paul Knoll  
Laurence David Lasky

Michael Irwin Lew  
Neal Alan Mancoff  
Ronald Alan Pearlman  
Paul D. Rudnick  
Watson Billopp Tucker III  
Robert George Weber

ONE HUNDRED AND SEVENTH COMMENCEMENT

THE SCHOOL OF SPEECH

- ISABEL LOVEDALE SCHOLARSHIP: Frank J. Galati, Jr.  
PHI BETA SCHOLARSHIP: Ellen R. Crane  
JUNIOR SCHOLARSHIP: Robert O. Butler, Jr.  
SOPHOMORE SCHOLARSHIP: John F. Ritter and David H. Zarefsky  
EDGEWATER DRAMA CLUB SCHOLARSHIP: Robert M. Boyles  
DRAMA CLUB OF EVANSTON SCHOLARSHIPS: Constance L. Cooper, Lily  
    Fygetakis, Pamela G. Lawson, James E. Shannon  
DELTA ZETA SCHOLARSHIP: Irene J. Wolff  
FRIENDS OF DRAMA SCHOLARSHIP: Pamela G. Lawson  
WIND RADIO SCHOLARSHIP: Michael J. Paradise  
MERCY SIMERAL PARKHILL SCHOLARSHIP: Sherry L. Brownstein  
WINIFRED WARD PRIZE FOR EXCELLENCE IN CHILDREN'S THEATRE: Candace  
    A. Nichols  
MARY PETERSON GILBERT ('97) PRIZE: David H. Zarefsky  
THEATRE DEPARTMENT PRIZE: N. Kathleen Benke  
LUCIA MAY WIANT AWARD: John A. Ritter  
RALPH DENNIS PRIZE FOR SONNET READING: Charles J. Conwell  
INTERPRETATION HONORS: Janet F. Owen, Bonnie M. Taschler (gradu-  
    ate); Susan E. Harting, Janet E. Larson, James G. Mennen, Susan  
    C. Reeder (undergraduate); Special Award: Frank J. Galati, Jr.  
PUBLIC ADDRESS AND GROUP COMMUNICATION HONORS: Michael L. Denger,  
    John F. Ritter, Jana L. Sackman, John H. Stassen, Jr., Mary J.  
    Venovich  
RADIO, TELEVISION, AND FILM HONORS: Service Award: James T. Robi-  
    son; Writing Award: Nina L. Herrmann; Announcing Award:  
    John C. Gorby; Production Awards: Radio—Alan D. Rettig; Tele-  
    vision—Allen B. Shaw, Jr.; Film—Ronald S. Fridell  
AUDIOLOGY HONORS: S. Diane Copeland (graduate)  
DEAF EDUCATION AND GUIDANCE HONORS: Jacqueline L. Kimmel (grad-  
    uate); Irene J. Wolff (undergraduate)  
LANGUAGE PATHOLOGY HONORS: Carole R. Seifer (graduate)  
SPEECH PATHOLOGY HONORS: Synnove A. Erson, Barbara A. Hodge,  
    Eileen A. Tambellini (graduate); Karol S. Katz, Linda A. Silver-  
    man (undergraduate); Honor Member of Sigma Alpha Eta: Clar-  
    ice A. Klump  
SPEECH EDUCATION HONORS: Kathleen N. Galvin (graduate); Janice K.  
    Matheny, Toby L. Rochman, Doreen S. Silverman, Janice A.  
    Solomon, Ruth L. Stockard, Charles B. Wilde (undergraduate);  
    Zeta Phi Eta Award for Outstanding Achievement: Jerome E. Egel  
THEATRE HONORS: Acting—Jane N. Staab, Raye J. Birk; Directing and  
    Stage Management—G. Drayton Boyd III

NORTHWESTERN UNIVERSITY

THE SCHOOL OF DENTISTRY

- AMERICAN ACADEMY OF GOLD FOIL OPERATORS AWARD: Thomas Dale Townsan  
AMERICAN SOCIETY OF DENTISTRY FOR CHILDREN AWARD: Dennis Jordan Widman  
THE ODONTOGRAPHIC SOCIETY OF CHICAGO AWARD: Thomas Dale Townsan  
INTERNATIONAL COLLEGE OF DENTISTS AWARD: John Andrew Leitch  
AMERICAN ACADEMY OF DENTAL MEDICINE AWARD: Thomas Glennon Benton  
AMERICAN ACADEMY OF ORAL ROENTGENOLOGY AWARD: Marvin Mitsuo Tanaka  
AMERICAN COLLEGE OF DENTISTS (ILLINOIS SECTION) AWARD: Thomas Glennon Benton  
AMERICAN SOCIETY OF PERIODONTISTS AWARD: Stephen MacFarlane Marsh  
CANNING PRIZE: Fred H. Hassig

OMICRON KAPPA UPSILON

Thomas Glennon Benton	Elwood Henry Stade
John Andrew Leitch	Thomas Dale Townsan
Clay Chauncey Maupin, Jr.	

SIGMA PHI ALPHA

Virginia Dale Edwards	Bonnie Sue Strieter
Bonnie Suzanne Koukol	

THE SCHOOL OF MUSIC

- FREDRIK A. CHRAMER SCHOLAR: Karen Lorraine Carmichael  
CARL MILTON BEECHER FUND SCHOLARSHIP: Joanne Marie Sturman  
WILLIAM T. FARICY AWARD FOR CREATIVE MUSIC: Joseph Clyde Schwantner  
WADE FETZER AWARD FOR EXCELLENCE IN PERFORMANCE: Linda Jean Cummiskey  
WADE FETZER FUND SCHOLARSHIPS: Danny Wayne Felty, Margaret Ann Needham  
ANNA SCHAUFFLER LOCKWOOD AWARD FOR EXCELLENCE IN STRING MUSIC: Linda Jean Cummiskey  
GERALD OWEN MC DONALD AWARD FOR EXCELLENCE IN OPERA: Joy Sarene Brassington  
RUSSELL V. AND HAZEL B. MORGAN AWARDS FOR SCHOLARLY WRITING IN MUSIC EDUCATION AT THE MASTER'S LEVEL: Rita Lynn Jeffirs, Michael Mark Salzman

ONE HUNDRED AND SEVENTH COMMENCEMENT

- MU PHI EPSILON NORTH SHORE ALUMNAE PERFORMANCE ACHIEVEMENT AWARD: Diane Lee Peacock
- MU PHI EPSILON, SIGMA ALUMNAE COUNCIL, SCHOLARSHIP: Martha Ann Edwards
- MU PHI EPSILON, SIGMA CHAPTER, AWARDS FOR SERVICE: Joan Bellinger Liberati, Letitia Ann McGoogan
- MU PHI EPSILON NATIONAL STERLING MORTON ACHIEVEMENT AWARD: Martha Ann Edwards
- PHI BETA SCHOLARSHIP: Heather Faith Golembo
- PI KAPPA LAMBDA SCHOLARSHIP: Karen Jeanne Szymanski
- CORINNE FRADA PICK MUSIC SCHOLARSHIP: Curtis Otto Bismark Smith
- PRESSER FOUNDATION SCHOLARSHIP: Lois Jean Turbitt
- SIGMA ALPHA IOTA ALUMNAE CHAPTER AWARD: Helen Ann Kowalczyk
- SIGMA ALPHA IOTA DEAN'S HONOR: Donna Kay Schramm
- SIGMA ALPHA IOTA HONORS CERTIFICATE: Helen Ann Kowalczyk
- LOUIS SUDLER AWARD FOR EXCELLENCE IN THE ART OF ORATORIO SINGING: Heather Faith Golembo
- UNIVERSITY GUILD SCHOLARSHIP: Donna Kay Schramm
- BRUCE DAVID WILLIAMS MEMORIAL SCHOLARSHIP: Ned Erwin Mohr

PI KAPPA LAMBDA

Robert Norman Bauchens	Alfred Everett Lunde
Margery Michaelis Bonyng	Francis Marion Marciniak
Joy Sarene Brassington	Wanda Mae Martin
John Jerry Cobb	Tressa Louise Ponsetto
Linda Jean Cumiskey	Eleanor Mae Stromberg
Sally Ritter Didrickson	Joanne Marie Sturman
Dorothy Selby Diggs	Karen Jeanne Szymanski
Albertha Marie Edwards	Lois Jean Turbitt
Robert Allen Fought	Ralph Gerson Wilder
Heather Faith Golembo	Lise Carolyn Wilson
Nancy Elaine Jacobs	

THE SCHOOL OF BUSINESS

*Graduate School of Business Administration*

- RICHARD C. GERFEN PRIZE IN BUSINESS COMMUNICATIONS: Glenn A. Sampson

BETA GAMMA SIGMA

Lawrence James Baldwin	Jeffrey Martin Kustal
Anthony Lorimer Baylis	George Chris Michael
Roger Lee Black	Frederick Robert Schaeffer
Warren James Broll	Ronald Martin Smith
Marvin Earl Garrett	James Martin Voss
David Garton, Jr.	Edward Dewey Wirth, Jr.
Dexter Rex Hart	



NORTHWESTERN UNIVERSITY

*The Undergraduate School*

BETA GAMMA SIGMA

Melvin Sydney Adess  
Jerome Phillip Akman  
Frank Neil Bentkover  
Thomas Richard Brous  
Joan Elizabeth Erzer  
Franklin Lee Freidman  
Larry John Gardner  
Robert Elliott Gooding, Jr.

\*Robert McMillion Hayes III  
Leslie William Jacobs  
Judith Elaine Meador  
Brian Louis Nahey  
\*Georgene Linda Poole  
Allen Howard Shapiro  
Samuel Spencer Stewart, Jr.  
Joseph Harris Wender

HONORS IN INDEPENDENT STUDY

Georgene Linda Poole

Allen Howard Shapiro

THE MEDILL SCHOOL OF JOURNALISM

HARRINGTON MEMORIAL AWARDS: Advertising major: Robert Armstrong  
Fitzmaurice; Newspaper major: Charles Newton Wheeler; TV-  
Radio major: Albert Morton Crim.

DOROTHY CARLYLE AWARD: Lois Ellen Graessle

SIGMA DELTA CHI CITATION OF ACHIEVEMENT: Jeffrey Richard Lyon

BORDEN AWARD: Barbara Jean Dill

KAPPA TAU ALPHA

Marcia Ann Chambers  
Albert Morton Crim  
Sherwood Allen Faigen  
Eleanor Marie Fellman  
Robert Armstrong Fitzmaurice  
David Michael Ginsburgh  
Lois Ellen Graessle  
Mary Margaret Knoblauch  
Carolyn Ann Langway

Ralph Spencer Novak  
Marcel Elmer Pacatte  
James Kent Planck  
William Sluis, Jr.  
Edward Howard Steinman  
Helen Wentz  
Charles Newton Wheeler  
Joanne Zazzaro

THE SCHOOL OF EDUCATION

HONORS IN EDUCATION

Paul C. Kosin

*\*Elected as juniors*

ONE HUNDRED AND SEVENTH COMMENCEMENT

THE TECHNOLOGICAL INSTITUTE

ESHBACH AWARD: Terrence Allen Weisshaar

HAMILTON AWARD: Samuel Albert Sperry

ALPHA PI MU

James O. Edwards  
J. Randolph Kenny, Jr.  
John R. Kenrick  
Robert E. Lapp

Gerald McGough  
Edward Voboril  
J. Mark Waltz

ETA KAPPA NU

Gerald N. Cederquist  
Bettyjean Chidekel  
William E. Drummond  
Jon H. Friedman  
Allen R. Grahn  
Fred H. Harris

Sherwin R. Kahn  
Julius B. Oso  
Robert H. Poste  
Gary R. Reynolds  
Jerry L. Zook

PI TAU SIGMA

Roger L. Cole  
Edward A. Euler  
Thomas L. Flosi  
Ronald H. Hirsch  
Norman A. Karsten  
J. Samuel Keller

Richard J. Long  
Clifford Moses  
James Smolen  
Kenneth Turk  
Thomas A. Wade  
Terrence A. Weisshaar

TAU BETA PI

Roger L. Cole  
James O. Edwards  
Karl D. Elfers  
Carl A. Erdman  
Edward A. Euler  
Thomas L. Flosi  
Jon H. Friedman  
Sherwin R. Kahn  
Norman A. Karsten  
John S. Keller

J. Randolph Kenny, Jr.  
Edgar B. Klunder  
Bertrand J. Misek  
Robert H. Poste  
Sylvia J. Repetto  
Carl M. Schoene  
Samuel A. Sperry  
Nick Tomaro, Jr.  
Terrence A. Weisshaar  
John Whipple

NORTHWESTERN UNIVERSITY

*Additional Prizes and Honors announced too late for publication  
in this program in the usual order of listing by schools.*

THE COLLEGE OF ARTS AND SCIENCES

PHI BETA KAPPA PRIZE: Katherine Ray Arenson

DEPARTMENTAL HONORS

ART

Robert Allan Bair  
Roberta Lee Kilty  
Nadine Charlotte Luporini  
Carolyn Newell Pitt  
Elaine Van Tuyl

BIOLOGICAL SCIENCES

Caryn Rae Kolar  
Judith Christine Travostino

CHEMISTRY

Katherine Ray Arenson  
William Moss Bonner  
Michele Antoinette Chatain  
George Michael Hass  
Alan George Marshall  
Allan Earle Schultz  
George Jonathan Wade Tichenor

CLASSICS

John Mathias Gaunt

ECONOMICS

Nancy Jane Vorbau  
Donald Scott Wilson

ENGLISH

Ruth Rubin Adler  
James Robert Andreas  
Stephen Russell Bornemeier  
Patricia Jo Finney  
Nancy Kathryn Joyce  
Kirsten Louise Lokvam  
Mark Aram Malkas  
Richard Erwin Meyer  
Kermit Wonders Moyer  
Philip Martin Nystrand  
Richard Jay Siegel  
Susan Clancy Swigert  
Richard Frederick Thieme  
Pamela Ann Wood

GENERAL AND COMPARATIVE LITERATURE

Barbara Anne Babcock  
Reka Judit Szent-Gyorgi

GERMAN

Dieter Konrad Sprang-Sabiers

HISTORY

Peter Carl Flintoft  
Elizabeth Schuyler Livingston  
Jeffrey Thomas Price  
Donn Scott Smith  
William George Tonkin  
Paul Gary Wersky

HISTORY AND LITERATURE OF RELIGIONS

Harold Arthur McWilliams

PHILOSOPHY

Robert Edward Ganja  
Ronald Frederic Perrin  
Jeffrey Thomas Price  
Burton Marshall Rubenstein  
Thomas Knox Trelogan

POLITICAL SCIENCE

Michele Jean Anderson  
Michael Edward Costello  
Alvin Louis Kruse  
Penny Gill Martin  
John Erland Olson  
Deborah Esther Opperman  
Frank Timothy Petruszak  
Robert Earle Probasco  
Gene Paul Schultz  
Morris Allan Seeskin  
Frank Peter VanderPloeg  
Darryl William Wagner  
Judith Lynne Weed

PSYCHOLOGY

Judith Spencer Burgess  
Kent Ward Butzine  
Michael Davis  
Ronald Benjamin Gerut  
Harve Dewey Mankopf  
Arthur J. Nonneman  
Victor Lowell Ryan  
Harris David Slavick  
Carol Susan Teitelbaum  
Paula Joy Winkler

SPANISH

Judith Anne Miller

SOCIOLOGY

Marjorie Wendy Astley-Bell  
Lois Hansen Godiksen

ONE HUNDRED AND SEVENTH COMMENCEMENT

BACHELOR OF ARTS

*Degrees Awarded With Highest Distinction*

Katherine Ray Arenson	Judith Anne Miller
William Moss Bonner	Jeffrey Thomas Price
Susan Levine Fuhrman	Burton Marshall Rubenstein
Elizabeth Schuyler Livingston	Barbara Savitt Steiger
Penny Gill Martin	Susan Clancey Swigert
Robert Scott Mecklenburg	Richard Frederick Thieme
Richard Erwin Meyer	Thomas Knox Trelogan

*Degrees Awarded With Distinction*

Ruth Rubin Adler	Anton Heinz Richter
James Robert Andreas	Victor Lowell Ryan
Linda Lu Verne Chalfant	Gerald Louis Schrader
Joann Clare Findlay	Allan Earle Schultz
Patricia Jo Finney	Marsha Deborah Schwartz
John Mathias Gaunt	Richard Jay Siegel
Alvin Louis Kruse	Donn Scott Smith
Mark Aram Malkas	Dieter Konrad Sprang-Sabiers
Helaine Kay Minkus	Paul Gary Werskey
Mary Matteson Mohr	

BACHELOR OF PHILOSOPHY

*Degree Awarded With Highest Distinction*

Audrey M. Gordon

*Degrees Awarded With Distinction*

Patricia A. Conrow	Miles A. Greenbaum
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THE SCHOOL OF LAW

JURIS DOCTOR

*Magna Cum Laude*

Stuart Duhl	Watson Tucker
Laurence Lasky	

*Cum Laude*

Martin Blonder	Neal Mankoff
John Chestnut	Paul Rudnick
Arne Hansen	Robert Weber
Arthur Harris	William Stearns
David Hill	Robert Yolles
Michael Lew	



NORTHWESTERN UNIVERSITY

THE SCHOOL OF SPEECH

*Degrees Awarded With Highest Distinction*

Karol Sue Katz  
Noel Scantlebury

John Henry Stassen, Jr.

*Degrees Awarded With Distinction*

James Joseph Bradac  
Judith Anne Connally  
Jacqueline Fields Fisher

Linda Ann Silverman  
Mary Joanne Venovich

THE SCHOOL OF MUSIC

*Degree Awarded With Highest Distinction*

Joanne Marie Sturman

*Degree Awarded With Distinction*

Linda Jean Cummiskey

THE SCHOOL OF BUSINESS

MASTER OF BUSINESS ADMINISTRATION

*Degrees Awarded With Distinction*

Byron David Allen  
Lawrence James Baldwin  
Anthony Martin Lorimer Baylis  
Roger Lee Black  
William Seward Bradbury  
Warren James Broll  
Roger Colville Buck  
Marvin Earl Garrett  
David Garton, Jr.  
Dexter Rex Hart  
Wilmot Higgins Kidd III

Richard Peter Kiep  
Thomas John Laux  
John Sylvester Maurer  
George Chris Michael  
Nathan Miller  
Bernard William Revsine  
Lawrence Sherwin Revsine  
Frederick Robert Schaeffer  
Ronald Martin Smith  
James Martin Voss  
Edward Dewey Wirth, Jr.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

*Degrees Awarded With Highest Distinction*

Robert McMillion Hayes III  
Leslie William Jacobs

Brian Louis Nahey

*Degrees Awarded With Distinction*

Frank Neil Bentcover  
Larry John Gardner

Allen Howard Shapiro  
George Riley Thurston, Jr.

ONE HUNDRED AND SEVENTH COMMENCEMENT

DELTA SIGMA PI PRIZE: Robert McMillion Hayes III

BETA GAMMA SIGMA

Nathan Miller

Bernard William Revsine

*Evening Division*

ALPHA KAPPA PSI MEDALLION: Eugene Philip Geoffrion

COMMERCE CLUB DEGREE AWARD: Eugene Francis Mical

COMMERCE CLUB DIPLOMA AWARD: Robert Frank Routh

FINANCIAL EXECUTIVES INSTITUTE ANNUAL AWARD: Joe Ronald Blackburn

DELTA SIGMA PI PRIZE: Joseph Marion Serkowski

EPSILON ETA PHI (MINNIE L. PETERSON) AWARD: Mathilde Frida Moegle

LYDIAN LEADERSHIP AWARD: Emma Ellen, Heidi Sautter

NORTHWESTERN UNIVERSITY EVENING STUDENT COUNCIL AWARD: Muriel F. Reder

OFFICE MANAGEMENT ASSOCIATION OF CHICAGO AWARD: Edward J. Cooper, Georgette A. Terren

PHI CHI THETA PRIZE: Dolores Donald Czubakowski

PHI GAMMA NU PRIZE: Hattie Lee Schumaker

JOSEPH SCHAFFNER PRIZE (DEGREE PROGRAM): Robert John Lilien

JOSEPH SCHAFFNER PRIZE (DIPLOMA PROGRAM): Joseph Marion Serkowski

H. G. WRIGHT COMMERCE CLUB SCHOLARSHIP AWARD: Robert Hugh Winkels

DELTA MU DELTA

Ralph Barton Butz  
Hugh Burbank Clayton  
Miklos Charles Fertsek  
John Joseph Grams  
Henry John Kass

Robert John Lilien  
Audronis Radzickas  
Howard Arnold Schick  
Joseph Marion Serkowski  
Willard VanderZee

BACHELOR OF BUSINESS ADMINISTRATION

*Degrees Awarded With Distinction*

Joe Ronald Blackburn  
Hugh Burbank Clayton

Robert John Lilien

NORTHWESTERN UNIVERSITY

THE MEDILL SCHOOL OF JOURNALISM

MASTER OF SCIENCE IN JOURNALISM

*Degree Awarded With Distinction*

Richard Harold Jefferson

BACHELOR OF SCIENCE IN JOURNALISM

*Degrees Awarded With Distinction*

Marcia Ann Chambers  
Ralph Spencer Novak

James Kent Planck

THE SCHOOL OF EDUCATION

*Degrees Awarded With Highest Distinction*

Susan Tillman Apfelberg  
Mabel Sara Dash

Paul Charles Kosin

*Degrees Awarded With Distinction*

Rebecca Sharon Evans  
Barbara Ann Hetler  
Hazel Weaver Pensock

Phyllis Kaplan Shalowitz  
Marcia Beth Topper

THE TECHNOLOGICAL INSTITUTE

ESHBACH AWARD: Terrence Allen Weisshaar

HAMILTON AWARD: Samuel Albert Sperry

*Degrees Awarded With Highest Distinction*

John Samuel Keller  
Edgar Bernd Klunder

Terrence Allen Weisshaar

*Degrees Awarded With Distinction*

Gerald Norman Cederquist  
Roger Lynn Cole  
William Eric Drummond  
James Owen Edwards  
Carl Arthur Erdman  
Edward A. Euler

Allen Robert Grahn  
Sherwin Robert Kahn  
Carl Mark Schoene  
Nick A. Tomaro, Jr.  
Jerry Lee Zook

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Jon H. Friedman  
Robert R. Hanke  
Jame A. Julian  
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Bradley C. Poole

Dan H. Ryder  
John E. Straw  
Grove G. Thompson  
Frank P. Vanderploeg  
James H. Wendt

## COMMISSIONS AS ENSIGN IN THE LINE, U.S. NAVAL RESERVE

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James T. Kolbe  
Richard W. Rahn  
John Schlanger

## COMMISSIONS AS ENSIGN IN THE SUPPLY CORPS, U.S. NAVY

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Richard E. Gilbertson  
John C. Kasdorf

Todd W. Schmidt  
Robert J. Schutte

## COMMISSIONS AS ENSIGN IN THE SUPPLY CORPS, U.S. NAVAL RESERVE

Gordon B. Marshall  
James I. Rickard III

Gregory A. Zolezzi

## COMMISSION AS SECOND LIEUTENANT IN THE U.S. MARINE CORPS

Thomas H. Meeker

## COMMISSIONS AS SECOND LIEUTENANT IN THE U.S. MARINE CORPS RESERVE

Jon A. Larson

Robert E. Weinberg



## THE CAP AND GOWN

The cap and gown are worn by each participant in the Commencement exercises. The cap is worn throughout the ceremonies, except during the national anthem and the invocation. The tassel colors, which indicate the different Schools and departments, are as follows:

Graduate .....	<i>Black</i>	Speech .....	<i>Silver Gray</i>
Arts and Sciences .....	<i>White</i>	Education .....	<i>Light Blue</i>
Medicine .....	<i>Green</i>	Journalism .....	<i>Crimson</i>
Law .....	<i>Purple</i>	Technological Institute .....	<i>Orange</i>
Dentistry .....	<i>Lilac</i>	Traffic Institute .....	<i>Drab and White</i>
Music .....	<i>Pink</i>	Evanston Hospital, Passa-	
Business .....	<i>Drab</i>	vant Hospital, Chicago	
		Wesley Hospital .....	<i>Apricot</i>

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Baccalaureate Marshal .....	LAWRENCE G. LAVENGOOD
Chairman of Marshals for the Faculty at Commencement.	CLIFTON BURMEISTER
Chairman of Marshals for Students at Commencement .....	GERALD L. SMITH
Marshal for Recipients of Honorary Degrees .....	HOWARD F. BENNETT
AUDITORIUM MARSHAL AT COMMENCEMENT ...	ERNEST A. NORDSTROM
Lobby Marshal at Commencement .....	JEREMY WILSON
Chairman of Door Marshals at Commencement .....	CHARLES LONGWELL
Assistant Chairmen of Door Marshals .....	JOSEPH DOWNEY, SIDNEY RICHARDSON
Chairman of Aisle Marshals at Commencement .....	MURRAY D. MYERS
Assistant Chairmen of Aisle Marshals .....	WILLIAM E. DIETRICH
Chairman of Ushers at Commencement .....	ROBERT B. HATTER
Assistant Chairman of Ushers .....	RALPH H. PETERSON
Chairman of Program Distributors .....	CHARLES A. HIATT
Assistant Chairman of Program Distributors .....	EDWARD DUBLIN
Chairman of Checkrooms .....	JAMES PROGAR
Chairman of Parking Lots and Traffic .....	FRANK M. ANDREWS
PRESIDENT'S RECEPTION AND LUNCHEON .....	GERALDINE BEISANG KATHERINE GEORGE, BRUNO ADAMS, WILLARD J. BUNTAIN
DIPLOMA CHAIRMAN .....	RICHARD J. DONEY
Diploma Assistants .....	HOWARD BENNETT, ROBERT BREEN, RICHARD COLE, RICHARD J. DONEY, PETER JACOBI, GEORGE MC CLAY, ROLAND NELSON
STAFF PERSONNEL .....	ARTHUR T. SCHMEHLING, RAYMOND E. WILLEMMAIN
CAPS AND GOWNS .....	NATALIE WEBER
MUSIC .....	GEORGE HOWERTON, JOHN P. PAYNTER
EMERGENCY MEDICAL SERVICE .....	DR. LEONA B. YEAGER
PUBLICITY .....	SAM H. SARAN
STAFF ASSISTANTS .....	MELBA PETERSON, ELLEN STEWART, ALED WOLD
ARRANGEMENTS .....	M. E. EKBERG, ERNEST A. NORDSTROM, CHARLES L. OLSON, J. C. SANDERSON



